

### Credits, Marks of Examination, and Remarks if any.

Level	Sem	Course Type	Course Code	Course Title	Delivery Type			Hours	Credit	Assessment		M.M	Remarks
					Total Hours					Internal	EoS Exam		
					L	T	P						
8	I	DCC	ECO8000T	Micro Economics-I ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8001T	Macro Economics-I ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8002T	Public Economics ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8003T	Mathematical Methods for Economics ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8004T	Growth and Development Economics ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8005T	History of Economic Thought	L	T	-	60	4	20	80	100	
	II	DCC	ECO8006T	Micro Economics-II ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8007T	Macro Economics-II ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8008T	Indian Public Finance	L	T	-	60	4	20	80	100	
		DCC	ECO8009T	Elementary Statistics and Econometrics ✓	L	T	-	60	4	20	80	100	
		DCC	ECO8010T	Economics of Development and Planning ✓	L	T	-	60	4	20	80	100	
		<i>Generic paper (GEC)</i>	ECO8100T	Indian Economy-I	L	T	-	60	4	20	80	100	
		ECO8101T	Economy of Rajasthan-I	L	T		60	4	20	80	100		

#### EXIT WITH PG DIPLOMA IN ECONOMICS

9	III	DCC	ECO9011T	International Economics-I ✓	L	T	-	60	4	20	80	100	
			ECO9012T	Research Methodology ✓	L	T	-	60	4	20	80	100	
		DSE-I	ECO9102T	Econometrics -I ✓	L	T	-	60	4	20	80	100	
			ECO9103T	Industrial Economics ✓	L	T	-	60	4	20	80	100	
		DSE-II	ECO9104T	Mathematical Economics -I ✓	L	T	-	60	4	20	80	100	
			ECO9105T	Financial Economics ✓	L	T	-	60	4	20	80	100	
		DSE-III	ECO9106T	Agriculture Economics ✓	L	T	-	60	4	20	80	100	
			ECO9107T	Environmental Economics-I ✓	L	T	-	60	4	20	80	100	

IV	Generic paper (GEC)	EC09108T	Indian Economy-II	L	T	-	60	4	20	80	100	
		EC09109T	Economy of Rajasthan-II ✓	L	T	-	60	4	20	80	100	
	DCC	ECO9013T	International Economics-II ✓	L	T	-	60	4	20	80	100	
	DSE-IV	ECO9110T	Econometrics -II ✓	L	T	-	60	4	20	80	100	
		ECO9111T	Indian Industrial Economics	L	T	-	60	4	20	80	100	
	DSE-V	ECO9112T	Mathematical Economics -II ✓	L	T	-	60	4	20	80	100	
		ECO9113T	Labour Economics	L	T	-	60	4	20	80	100	
	DSE-VI	ECO9114T	Issue in Indian Agriculture ✓	L	T	-	60	4	20	80	100	
		ECO9115T	Environmental Economics-II ✓	L	T	-	60	4	20	80	100	
	DSE-VII	ECO9116T	Public Policy in India ✓	L	T	-	60	4	20	80	100	
		ECO9117T	Indian Banking System	L	T	-	60	4	20	80	100	
	DSE-VIII	ECO9118T	Managerial Economics ✓	L	T	-	60	4	20	80	100	
		ECO9119T	Demography	L	T	-	60	4	20	80	100	
		ECO9120S*	Dissertation		T	P	120	4	20	80	100	Only for regular students

**EXIT WITH PG DEGREE COURSE IN ECONOMICS**

**An information regarding codes:**

**DCC extends for Discipline Centric Core Course**

**DSE extends for Discipline Specific Elective Course.**

**Generic Course is an open Elective for all the discipline.**

**Note: \* Dissertation can be opted only by the regular student.**

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-I</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8000T</b>
<b>Title of the Course</b>	<b>MICRO ECONOMICS-I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This core paper forms the basic theoretical foundation of the Micro Economics. The concepts, theories and diagrammatical representations are the most important tools that aid the student to understand and analyse the real market issues.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course develops the basic idea of fundamentals of micro economics and market mechanism.</li> <li>➤ It enhances the ability of students to discuss economic concepts in an articulate manner in a classroom.</li> <li>➤ It develops the reasoning ability of the students to understand and analyze the consumer's and producer's behaviour in real market situations.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Theory of Consumer Behavior -I</b> Utility analysis – Cardinal Approach - Law of Demand, Elasticity of Demand, Ordinal Approach- Indifference Curve Approach, Derivation of Demand Curve, Consumer's Equilibrium, Price,

	Income and Substitution Effect: Normal, Inferior and Giffen Goods, Consumers' Surplus. (12 Hrs)
<b>UNIT -II</b>	<b>Theory of Consumer Behaviour-II</b> Compensated demand curve, Recent Developments in the Theory of Demand – Constant Elasticity of Demand Function, Linear Expenditure System, Lancaster's Theory, Revealed Preference Theory, Consumer Behaviour under Uncertainty & Risk- N-M Theorem, Individual Consumer behavior towards Risk, Asset Portfolio Selection. (12 Hrs)
<b>UNIT-III</b>	<b>Theory of Production</b> Production function – Short Run: Law of Variable Proportions and Long Run: Returns to Scale, Economies and Diseconomies of Scale, Isoquants-Least Cost Combinations of Inputs, Elasticity of Technical Substitution, Technical Progress and Production Function. (12 Hrs)
<b>UNIT-IV</b>	<b>Theory of Product Pricing-I</b> Cost Concepts, Cost Curves- Short Run & Long Run Curves, L-Shaped Long Run Cost Curves, Concept of Revenue, Revenue Curves-TR, AR, MR and their Relationship, Break-Even Analysis. Theory of Supply- Law of Supply and Elasticity of Supply. (12 Hrs)
<b>UNIT-V</b>	<b>Theory of Product Pricing-II.</b> Price and Output Determination under Perfect Competition- Short run & long Run Analysis Price & output Determination under Monopoly- Short run & long Run Analysis, Price Discrimination under Monopoly, Regulation and Control. Monopolistic Competition- General and Chamberlin Approach to Equilibrium, Selling Costs, Excess Capacity. (12 Hrs)
<b>Text Books</b>	➤ Ahuja, H.L. (Latest Addition), Advanced Economic Theory, Sultan Chand and Company, New Delhi (Hindi and English Versions).

	<ul style="list-style-type: none"> <li>➤ Misra and Puri. (Latest Addition), Advanced Economic Theory, Himalaya Publishing Company, Bombay (Hindi and English Versions).</li> <li>➤ Barla, C.S. (Latest Addition), Advanced Micro Economics, National Publishing House, Jaipur, New Delhi (Hindi and English Versions).</li> <li>➤ Jhingan, M.L. (Latest Addition), Advance Economic Theory, Vrinda Publication, New Delhi (Hindi and English Versions).</li> <li>➤ Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.</li> <li>➤ Mankiw, G. (2010), Principles of Microeconomics, 6<sup>th</sup> ed., South-Western College Publication, USA.</li> <li>➤ Salvatore D. (2006), Microeconomics-Theory and Applications, Oxford University Press</li> <li>➤ Salvatore D, (2002) Theory and Problems of Microeconomic Theory, Schaum's Outline Series, McGraw-Hill Book Company, Singapore.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton</li> <li>➤ Varian, H. (2003), Intermediate Microeconomics, East-West Press. Additional</li> <li>➤ Karl E. Case and Ray C. Fair, (2007), Principles of Economics, 8th Ed., Pearson Education Inc.</li> <li>➤ Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.</li> </ul>
<b>Suggested</b>	E-pgpathashala modules:- <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>

<b>E-resources</b>	<a href="http://www.ignou.ac.in">www.ignou.ac.in</a> <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-I</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8001T</b>
<b>Title of the Course</b>	<b>MACRO ECONOMICS - I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<b>Objectives:</b> The basic objectives of this course are to help the learners in proper understanding of the economic aggregates like National income, employment interest rates and the price level.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course enables students to understand the basic concepts and principles of Macro Economic aggregates like National income, Employment, Consumption and Investment.</li> <li>➤ The students will learn how economy works and National income and output level is determined in an economy.</li> <li>➤ Students will be able to know the basic proposition and theories associated with the classical, Keynesian, New Classical and New Keynesian economics.</li> </ul>

<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>National Income</b> – Concepts, Measurement and problem in measurement of National Income. Circular flow of Income in two, three and four sector Economy, Different forms of National Income Accounting – Social Accounting, Green Accounting. (12 Hrs)
<b>UNIT -II</b>	<b>Determination of Output and Employment-</b> The Classical and Keynesian theory of Income and Employment. <b>Introduction to AS-AD model-</b> Classical and Keynesian view on AS-AD model. Shift in AD and AS curve, short run and long run AD and AS curve. Macroeconomic Equilibrium with AS-AD model (short run and long run). (12 Hrs)
<b>UNIT-III</b>	<b>Consumption: Consumption Function-</b> Meaning and basic concepts, Keynes' Psychological Law of Consumption. Theories of consumption- Absolute Income Hypothesis, Relative Income Hypothesis, Life Cycle Hypothesis and Permanent Income Hypothesis. <b>Multiplier:</b> Keynes Investment Multiplier, Concept of Dynamic Multiplier, Balanced Budget Multiplier. (14 Hrs)
<b>UNIT-IV</b>	<b>Investment</b> – Meaning, types of investment, Marginal Efficiency of Capital. <b>Theories of Investment-</b> The Accelerator theory of Investment, Duesenberry Financial theory of Investment, Jorgenson Neo-Classical theory of Investment. Tobin's Q Theory of Investment. (10 Hrs)
<b>UNIT-V</b>	<b>Supply side economics-</b> Basic Proposition <b>New Classical Macroeconomics:</b> Efficient market hypothesis; Rational Expectation Model- Anticipated and Unanticipated shocks, Policy irrelevance. <b>New Keynesian Economics:</b> The Mankiw model; Policy Implications of New Keynesian Economics. (12 Hrs)
<b>Text Books</b>	➤ Ackley, G. (1978) – Macroeconomics: Theory and Policy, McMillan, New York.

	<ul style="list-style-type: none"> <li>➤ Branson, W.A. (1989) <i>Macroeconomic Theory and Policy</i>, (3<sup>rd</sup> Edition) Harper and Row, New Delhi.</li> <li>➤ Dornbusch, Fischer, Startz-<i>Macroeconomics</i>, The McGraw Hill Company Ltd., New York.</li> <li>➤ H.L. Ahuja –<i>Advanced Macro Economic Theory</i>, S Chand and Co. New Delhi</li> <li>➤ Shapiro, E. (1996) – <i>Macroeconomic Analysis</i>, Galgotia Publications, New Delhi.</li> <li>➤ M.L. Jhingan- <i>Macro Economic Theory</i>, Vrinda publication, New Delhi</li> <li>➤ Romar, D. L. (1996) – <i>Advanced Macroeconomics</i>, McGraw Hill Company Ltd., New York.</li> <li>➤ Mithani, D.M. – <i>Macroeconomics</i>, Himalaya Publishing Company, New Delhi.</li> <li>➤ Mankiw.G. – <i>Macroeconomics</i>, Worth publishers, Newyork.</li> <li>➤ आहुजा, एच. एल. (2001)–उच्चतर समष्टि अर्थशास्त्र, एस. चन्द एण्ड कम्पनील., नई दिल्ली।</li> <li>➤ झिंगन एएम. एल. –समष्टि अर्थशास्त्र, वृन्दा पब्लिकेशन, नई दिल्ली।</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Bernhard Felderer and Stefan Homburg, “<i>Macroeconomics and New Macroeconomics</i>”, 1992, Springer Verlag.</li> <li>➤ Brian Snowdon and Howard R.Vane, <i>Modern Macroeconomics-Its origins, Development and Current State</i>. Edward Elgar Publishing.</li> <li>➤ Patinkin, D. (1965) – <i>Money, Interest and Prices</i>. Haper and Row, New York.</li> <li>➤ Culbertson, J. M. (1968) – <i>Macroeconomic Theory and Stabilization Policy</i>, McGraw Hill, Kogenkoshi, Tokyo.</li> <li>➤ Friedman, M. (1957) – <i>The Theory of Consumption Function</i>, Princeton University Press, Princeton.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Duesenberry, J. S. (1949) – Income saving and the Theory of Consumer Behaviour, Harvard University Press, Harvard.</li> <li>➤ Hicks, J. R. (1974) – The Crisis in Keynesian Economics, Oxford University Press, New Delhi.</li> <li>➤ Keynes, J. M. (1936) – The General Theory of Employment, Interest and Money, Macmillan, London</li> <li>➤ Rosalind Levacic and Alexander Rebman “Macroeconomics” 1982, Mc.Millan.</li> </ul>
<b>Suggested E-resources</b>	E-pgpathashala modules:- <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a> <a href="http://www.ignou.ac.in">www.ignou.ac.in</a> <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a>
<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-I</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8002T</b>
<b>Title of the Course</b>	<b>PUBLIC ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of the course is to sharpen the analytical skills of the students by highlighting on basic Principle of Public economics and its relation with other part of Economics discipline.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The course intends to provide basic information to students on the scope of Public Economics, significance of government and its functions and role related to public</li> </ul>

	<p>goods, taxes, debt, expenditure and their principles in Public Economics.</p> <ul style="list-style-type: none"> <li>➤ Students will also acquaint with the broad overview of Public Economics principle.</li> <li>➤ Students will also get familiar with the tools and technique related to public goods, taxes, debt, expenditure and their principles in Public Economics.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Meaning and Scope</b>-Classical, Keynesian and modern approach on Public Economics, Public Finance and Private Finance-Similarities and Dissimilarities.</p> <p>Role of the State, Market Failure, Concept of Public Goods, and Club good. Major Fiscal Functions of Budget. (12 Hrs)</p>
<b>UNIT -II</b>	<p>Public Expenditure-Reasons for increase in Public Expenditure, Pattern of Public Expenditure, Economic effects of Public Expenditure. General Theories-Wagner' Hypothesis, Peacock-Wiseman's Hypothesis of Public Expenditure.</p> <p>Pure Theories of Public Expenditure-British Classical Views, Lindahl, Pigou and Samuelson's models. (12 Hrs)</p>
<b>UNIT-III</b>	<p>Public revenue-Tax and Non-Tax Revenue, Objectives, and Types of Taxation, Objectives of Taxation for Developing Countries, Role of Taxes in Economic Development.</p> <p>Theories of Taxation-Benefit Theory, Ability to Pay Theory, Principle of Maximum Social Advantage, Tax-GDP. Ratio, Tax Elasticity, Laffer Curve. (12 Hrs)</p>
<b>UNIT-IV</b>	<p>Public Debt-Classical, Keynesian and Post-Keynesian Approaches, Importance and Problems of Public Debt, Economic Effects of Burden of Public Debt, Management of Public Debt, Deficit Financing, Methods of Debt Redemption. (12 Hrs)</p>
<b>UNIT-V</b>	<p>Fiscal Policy- Concept and Objectives, Theories-Automatic and Discretionary Fiscal Policies, Fiscal Policy and Economic Development;</p>

	Budget- Classification and its Principles, Types of Budgets and Deficits. (12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Agarwal, R.C (2007): Public Finance Theory and Practice, Laksmi Narayan Agarwal, Agra, India.</li> <li>➤ Bhatia, H. L. (Latest) – Public Finance: Theory and Practice, Vikas Publication House, New Delhi</li> <li>➤ Hajela, T N(2010): Public Finance, 3rd ed, Ann’s Books, New Delhi</li> <li>➤ Lekhi, R K (2003): Public Finance, Kalyani Publications, New Delhi.</li> <li>➤ Mithani, D M(1998): Modern Public Finance, 1st ed, Himalaya Publishing House, New Delhi.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Andley and Sundaram (2006): Public Economics and Public Finance, Ratan Prakash, Agra.</li> <li>➤ Hindrick, Jean and Gareth D Myles (2006): Intermediate Public Economics, Prentice Hallof India</li> <li>➤ Kennedy, Maria John (2012): Public Finance, Prentice Hall of India.</li> <li>➤ Mundle, S. (1999) – Public Finance Policy: Issues for India, Oxford University Press, New Delhi.</li> <li>➤ Singh, S. K (2010): Public Finance-Theory and Practice, 6th ed, S Chand, New Delhi.</li> <li>➤ Stiglitz, J. E. (1986) – Economic of Public Sector, Norton, New York.</li> </ul>
<b>Suggested E-resources</b>	1. E-pgpathashala modules <a href="http://www.inflanet.org">www.inflanet.org</a>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-I</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8003T</b>
<b>Title of the Course</b>	<b>MATHEMATICAL METHODS FOR ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None

<b>Objectives of the course</b>	<b>Objectives:</b> This course aims to impart the knowledge of Mathematical techniques and to enable students to apply those techniques for economic analysis.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ It imparts the knowledge of mathematical techniques useful in economic analysis.</li> <li>➤ It trains the students to apply mathematical techniques to economic theory in general like, <ul style="list-style-type: none"> <li>○ Total and Marginal values and rates,</li> <li>○ Observing conditions of consumer's and producer's equilibrium,</li> <li>○ Computes elasticities of functions,</li> <li>○ Explaining the time path of variable set.</li> </ul> </li> <li>➤ It also develops the skill of students to use matrix algebra in solution of economic models.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Matrix and Determinant Matrix:</b> Concept of Matrix and their types, Simple operations on Matrices, Inverse of Matrices. Determinants and their Properties, Solution of Simultaneous Equations through Cramer's Rule and Inverse Matrix Method. (12 Hrs)
<b>UNIT -II</b>	<b>Differential Technique:</b> Simple Differentiation – Process of Differentiation, Rules of Differentiation, Partial and Total Differential. (12 Hrs)
<b>UNIT-III</b>	<b>Integration Technique:</b> Simple Rules of Integration, Integration by parts, Integration by substitution, Integration by Partial Fraction and Definite Integration. (12 Hrs)
<b>UNIT-IV</b>	<b>Application of Differential and Integration:</b> Problems of maxima and minima in single and multivariable functions; Unconstrained and constrained optimization Application to Cost and Revenue Functions and Consumer's Surplus. (12 Hrs)
<b>UNIT-V</b>	<b>Differential and Difference Equations</b>

	<p>Differential Equations- Introduction, non-linear and linear differential equations of the first order and first degree. Solutions of differential equations when variables are separable, homogenous equations.</p> <p>Difference equations – Solution of first order and second order difference equations. (12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Madnani, G.M.K.- Arthshastra Me Ganit Ke Prayog .(Hindi Version)</li> <li>➤ Mehta, B.C. and Madnani, G.M.K. (2008) – Mathematics for Economists, Sultan Chand and Company, New Delhi.</li> <li>➤ Nathuramka L.N. (2016), Arthshastra Me Ganit Ke Prayog, College Book House, Jaipur. (Hindi Version)</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Allen, R.G.D. (1974) – Mathematical Analysis for Economists, Macmillan Press and ELBS, London.</li> <li>➤ Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.</li> <li>➤ Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.</li> <li>➤ Handry, A. T. (1999) – Operations Research, Prentice Hall of India, New Delhi</li> <li>➤ Simon C.P. and L. Blume (2010), Mathematics for Economists, W.W. Norton &amp; Company, New York.</li> <li>➤ Sydsaeter K. And P.J. Hammond (2002), Mathematics for Economic Analysis, Pearson Education India.</li> <li>➤ Veerachamy.R (2002), Quantitative Methods for Economists, New Age International Publisher, New Delhi.</li> <li>➤ Yamane, Taro (1975), Mathematics for Economists, Prentice Hall of India, New Delhi.</li> </ul>
<b>Suggested E-resources</b>	<p>E-pgpathashala modules:-<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></p> <p><a href="http://www.ignou.ac.in">www.ignou.ac.in</a></p> <p><a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></p>

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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-I</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8004T</b>
<b>Title of the Course</b>	<b>Growth and Development Economics</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).

<b>Course</b>	
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<b>Objectives:</b> This is the conceptual course in Economics after school level which lays foundation of the concepts and theories related to the Growth and Development of an economy
<b>Learning outcomes</b>	<p>The students would be able to understand:</p> <ul style="list-style-type: none"> <li>➤ The theories of growth and development, difference between the two and importance of both in current scenario.</li> <li>➤ Explanations of the social and institutional aspects of development and infrastructure linkages.</li> <li>➤ The importance of domestic macroeconomic policies, importance of agriculture and the rationale and pattern of industrialization for development in developing countries.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction</b></p> <p>Concepts of Growth and Development. Measurement and Determinants of Development, Indicators of Development – Basic Needs Approach, GDP, PCI, PQLI, HDI, Gender Empowerment Measure (GEM), Gender Inequality Index, Human Poverty Index. Rise in International inequalities. Structural Diversity and common characteristics of Developing and Developed Nations. Sustainable Development. (12 Hrs)</p>
<b>UNIT -II</b>	<p><b>Issues in Economic Growth and Development</b></p> <p>Factors of Economic Growth and Development, Obstacles to Growth and Development, Vicious Circle of Poverty, Features of Modern Economic growth, Modern Growth and the rise in International Inequalities- The inverted U-hypothesis, Structural Changes under Development, Economic Growth and Social Justice. (12 Hrs)</p>
<b>UNIT-III</b>	<b>Theories of Growth and Development- I</b>

	<p>Theories of Development-Malthus, Karl Marx &amp; Schumpeter, Rostow's Stages of Economic Growth, Harvey Leibenstein's Critical Minimum Effort Thesis, Nelson's Theory of Low-Level Equilibrium Trap. (12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Theories of Growth and Development- II</b></p> <p>Balanced and Unbalanced Growth- Nurkse Model, Rosenstein Rodan's Big Push Theory, Hirschman's Strategy, Lewis and Fei-Ranis Models, Theories of Dualism- Social, Technological, International and Financial. Myrdal's Theory of Circular Causation. (12 Hrs)</p>
<b>UNIT-V</b>	<p><b>Domestic and International Measures for Economic Development</b></p> <p>Capital formation and Economic Development, Role of Agriculture and Industry in Economic Development, Terms of Trade between Agriculture and Industry.</p> <p>Role of Monetary and Fiscal Policy in Economic Development. Prices, Inflation and Economic Development. Foreign Trade and Economic Development. (12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Jhingan, M.L. (2016) – Economics of Growth and Development, Vrinda Publication. (English &amp; Hindi Version)</li> <li>➤ Puri, V.K. and S.K. Misra (2016). Economics of Development and Planning, Himalaya Publishing House, New Delhi.</li> <li>➤ Taneja, M. L. and R. M. Myer (2008). Economics of Development and Planning, Vishal Publishing Company, Jalandhar.</li> <li>➤ Todaro, M. P. (1996) (6th edition). Economic Development, Longman, London.</li> <li>➤ Thirwall, A.P.(1999). Growth and Development with special reference to developing economics, Macmillan and ELBS, London.</li> </ul>

<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Behrman, S. and T.N. Srinivasan (1995). Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.</li> <li>➤ Ghatak, S. (1986). An introduction to Development Economic, Allen &amp; Unwin, London.</li> <li>➤ Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.</li> <li>➤ Kapila, Uma, Ed. (1980). Indian Economy Since Independence, Vol.1, Academic Foundation, Delhi.</li> <li>➤ Little, I. M. D. &amp; J. E. Mirrlees (1974). Project Appraisal and Planning for Developing Countries, Basic Books, New York.</li> <li>➤ Meier, G.M. and James E. R. (2006). Leading Issues in Economic Development, Oxford University Press, New York.</li> <li>➤ Singh, S.P.(2001). Economic Growth and Planning, Himalaya Publishing House, New Delhi.</li> <li>➤ Ray, Debraj-(2004). Development Economics, Oxford University Press, New Delhi.</li> </ul>
<p><b>Suggested E-resources</b></p>	<p>E-pgpathashala modules:-<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>  <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>  <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></p>

<p><b>M.A. (TWO YEAR DEGREE PROGRAM)</b></p>	
<p><b>SEMESTER-I</b></p>	
<p><b>SUBJECT-ECONOMICS</b></p>	
<p><b>Code of the Course</b></p>	<p><b>ECO8005T</b></p>
<p><b>Title of the Course</b></p>	<p><b>HISTORY OF ECONOMIC THOUGHT</b></p>
<p><b>Qualification Level</b></p>	<p>NHEQF Level 6</p>

<b>of the Course</b>	
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of this course is to make students aware of the economic history and to provide a historical perspective on the evolution and process of transformation of economic thought.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The course develops critical analytical skills and exposes students to understanding the historical perspective on the evolution and process of transformation of economic thought.</li> <li>➤ The students learn the major ideas associated with thinker studied, and there by better comprehend the origins of contemporary theory.</li> <li>➤ This course allows students to place the theories and ideas studied within the context of the times in which the developed.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Introduction-</b> Subject Matter and Importance, Ancient Economic Thought, Medieval Economic Thought, Mercantilism and Physiocracy. (12 Hrs)
<b>UNIT -II</b>	<b>Classical Economic Thought-</b> Adam Smith, David Recardo <b>Socialist Economic Thought-</b> Karl Marx. (12 Hrs)
<b>UNIT-III</b>	<b>Neo-Classical Thought-</b> Alfred Marshall, John Maynard Keynes <b>Modern Economic Thought-</b> Schumpeter, Leonal Robbins &J. R. Hicks. (12 Hrs)
<b>UNIT-IV</b>	<b>Ancient Indian Economic Thought-</b> Economic Ideas in Ancient India before Kautilya, Kautilya's Arthasastra. (12 Hrs)

<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Modern Indian Economic Thought-</b> Mahadev Govind Ranade, Gopal Krishna Gokhle, Mahatma Gandhi, Pt. Deen Dayal Upadhyay, Dattopant Thengadi. (12 Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ L.H. Haney, History of Economic Thought</li> <li>➤ Eric Roll, A History of Economic Thought</li> <li>➤ Gide &amp; Rist, A History of Economic Doctrines</li> <li>➤ J.F. Bell, A History of Economic Thought</li> <li>➤ M.C. Vaish, Aarthik Vicharon Ka Itihas, 2002, S. Chand &amp; Co., New Delhi</li> <li>➤ J.C. Pant &amp; M.L. Seth, Aarthik Vicharon Ka Itihas, 2015, Laxmi Narain Agarwal, Agra</li> <li>➤ Bell John Fred (1963), History of Economic Thought, the Ronald Press Company, New York</li> <li>➤ Bhatia, H.L (1980), History of Economic Thought, Vikas publishing house Pvt. Ltd. India.</li> <li>➤ Schumpeter, J.A. (1954), History of Economic Analysis, Oxford University Press, New York.</li> <li>➤ Seshadri, G.B. (1997), Economic Doctrines, B.R. Publishing Corporation, Delhi.</li> <li>➤ M.C. Vaish, Arthik Vicharon ka Itihas</li> <li>➤ Ramesh Dutt, Economic History of India, Vol I &amp; II</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ B. L. Sharma, Economic Ideas in Ancient India before Kautilya</li> <li>➤ B. N. Ganguli (1977), Indian Economic Thought a 19<sup>th</sup> Century Perspective, Tata McGraw Hill New Delhi</li> <li>➤ Kautilya (1951), Arthshatra translated by R. Sharma Shastry</li> <li>➤ S.A. Kulkarni (1987), Ekadma Arthniti, Suruchi Prakashan, New Delhi.</li> <li>➤ M.G. Bokare, Hindu Economics, Janki Prakashan, New Delhi</li> </ul>

	<p>➤ M.K.Gandhi (1974), India of my Dreams, Navjivan Publishing house, Ahmedabad</p>
<p><b>Suggested E-resources</b></p>	<p>E-pgpathashala modules:-<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></p>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8006T</b>
<b>Title of the Course</b>	<b>MICRO ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This core paper forms the theoretical foundation of the Advanced Micro Economics. This paper will enhance the reasoning of students about pricing in imperfect market conditions and welfare economics. The concepts, theories and diagrammatical representations are the important tools that aid the student to understand and analyse the real market problems.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course will form the theoretical foundation of the students about pricing in imperfect market conditions and enable to apply in the real market situations.</li> <li>➤ This course enhances the understanding of various concepts and theories related to welfare economics.</li> <li>➤ The students will be able to demonstrate and analyze the theories related to factor market and its equilibrium.</li> <li>➤ This course will enable students to discuss and analyse the problems of asymmetric information and insurance.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Market Behaviour I</b></p> <p>Oligopoly-Non collusive Solutions: Cournot Model, Bertrand Model, Paul Sweezy's Kinked Demand Curve Model and Stakelberg Model; Collusive Solutions: Cartel and Price Leadership Model. (12 Hrs)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Market Behaviour II</b></p> <p>Full Cost Pricing Theory, Baumol's Sales Maximisation Model, Williamson's Model of Managerial Discretion, Marris Model of Managerial Enterprise, Bain's Limit Pricing Theory. (12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Theory of Distribution</b></p> <p>Marginal Productivity Theory, Theory of Product Exhaustion. Wages-Determination of Wages in Competitive Market (Modern Theory), Monopsony in Labour Market.</p> <p>Rent- Ricardian Theory, Modern Theory, Quasi Rent.</p> <p>Interest- Classical Theory, Keynesian Theory, Loanable Fund Theory and Modern Theory.</p> <p>Profit- Dynamic Theory, Innovation Theory, Risk Theory, Uncertainty-Bearing Theory, Shackle's Theory and Modern Theory. (12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>General Equilibrium and Welfare Economics</b></p> <p>Partial and General Equilibrium, Walrasian Approach to General Equilibrium.</p> <p>Welfare Economics- Pigouvian Welfare Economics, Pareto Optimal Conditions, Kaldor Hicks Compensation Criterion. Bergson's Social Welfare function, Point of Bliss, Theory of Second Best, Arrow's Impossibility Therom, Rawl's Theory of Justice, Equity- Efficiency Trade off. (12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Theories of Insurance, Search and Assymetric Information</b></p> <p>Insurance – Risk Aversion theories, The Insurance Market and Adverse Selection. Moral Hazard and Allocate Inefficiency, Choice between Insurance and Gambling.</p> <p>Theories of Search, Information Problem and Markets with Asymmetric Information: Problems of Lemons- Asymmetric</p>

	Information and the Market Failure –The adverse selection, Market Signaling. Behavioural Economics- A new branch of Economics. (12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Ahuja, H.L. (Latest Addition), Advanced Economic Theory, Sultan Chand and Company, New Delhi (Hindi and English Versions).</li> <li>➤ Misra and Puri. (Latest Addition), Advanced Economic Theory, Himalaya Publishing Company, Bombay (Hindi and English Versions).</li> <li>➤ Barla, C.S., (Latest Addition), Advanced Micro Economics, National Publishing House, Jaipur, New Delhi (Hindi and English Versions).</li> <li>➤ Jhingan, M.L. (Latest Addition), Advance Economic Theory, Vrinda Publication, New Delhi (Hindi and English Versions).</li> <li>➤ Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.</li> <li>➤ Mankiw, G. (2010), Principles of Microeconomics, 6<sup>th</sup> ed., South-Western College Publication, USA.</li> <li>➤ Salvatore D. (2006), Microeconomics-Theory and Applications, Oxford University Press</li> <li>➤ Salvatore D, (2002) Theory and Problems of Microeconomic Theory, Schaum's Outline Series, McGraw-Hill Book Company, Singapore.</li> <li>➤ Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Varian, H. (2003), Intermediate Microeconomics, East-West Press. Additional</li> <li>➤ Karl E. Case and Ray C. Fair, (2007), Principles of Economics, 8th Ed., Pearson Education Inc.</li> <li>➤ Kreps, D. M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.</li> </ul>
<b>Suggested</b>	E-pgpathashala modules:- <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>

<b>E-resources</b>	<a href="http://www.ignou.ac.in">www.ignou.ac.in</a> <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8007T</b>
<b>Title of the Course</b>	<b>MACRO ECONOMICS - II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<b>Objectives:</b> The present course is designed to acquaint the students with the monetary economics. It covers different approaches and theories of demand and supply of money as well as interest rates and business cycles.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The present course is designed to acquaint the students with the functioning of the monetary sector in India.</li> <li>➤ Student will understand the different approaches and theories related to demand for and supply of money and rate of interest.</li> <li>➤ Student will also acquaint with the concept and various theories of business cycles.</li> <li>➤ It also introduces students to concepts of inflation and its relationships with unemployment.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Supply of Money:</b> Measures and Determinants of money supply, High Powered Money and Money Multiplier. Monetary policy –

	Meaning, Objectives, Targets and Instrument. Latest Monetary policy. Budget Deficit and Money Supply. (10 Hrs)
<b>UNIT -II</b>	<b>Quantity Theory of Money</b> – Fisher's equation and Cambridge approach, Keynesian Restatement Quantity Theory of Money, Its superiority over Traditional Theory and its criticism. Post Keynesian approaches to Demand for Money – Patinkin Real Balance Effect, Approaches of Baumol and Tobin, Friedman Modern Quantity Theory. (14 Hrs)
<b>UNIT-III</b>	Neo-classical, Keynesian and Modern view of Interest, The IS-LM model – Derivation of LM curve and IS curve, Dynamic Disequilibrium: Explaining Fluctuations with the IS – LM Model; Extension of IS-LM model with government sectors, Relative Effectiveness of Monetary and fiscal policies. (12 Hrs)
<b>UNIT-IV</b>	<b>Business Cycle Theories</b> – Schumpeter, Kaldor, Samuelson, Goodwin and Hick's Theories. Real Business cycle theory. Measures to Control of Business Cycles. <b>Indicators of Price Index-</b> Wholesale Price Index, Industrial Price Index, Consumer Price Index. (12 Hrs)
<b>UNIT-V</b>	<b>Inflation</b> – Meaning, Types and Causes of Inflation; Classical, Keynesian and Monetarist approaches to inflation, Structuralist theory of inflation; <b>Philips Curve Analysis</b> - Short run and long run Philips curve; Tobin's modified Philips curve. Samuelson and Solow - the natural rate of unemployment hypothesis.; Non-Accelerating Inflation rate of Unemployment (NAIRU). (12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Chandeller, L.V. and Goldfeld, S. H.: The Economics of Money and Banking</li> <li>➤ G. Crowther: An Outline of Money</li> <li>➤ Gurley and Shaw: Money in a Theory of Finance</li> <li>➤ H.L. Ahuja –Advanced Macro Economic Theory, S Chand and Co. New Delhi.</li> <li>➤ Sayers, R.S.: Modern Banking</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Gupta, S.B.: Monetary Economics: Institutions, Theory and Policy</li> <li>➤ Gupta, S.B.: Monetary Planning for India</li> <li>➤ M.L. Jhingan- Macro Economic Theory, Vrinda publication, New Delhi.</li> <li>➤ Mitthani, D.M. – Money and Banking, Himalaya Publishing Company, New Delhi.</li> <li>➤ Sethi, T.T. – Monetary Economics, Laxmi Narayan Agarwal, Agra.</li> <li>➤ Sethi, M. L. – Money and Banking, Lakshmi Narayan Agrawal, Agra.</li> <li>➤ Ojha, B.L. – Money Banking and Public Finance, Ramesh Book Depo, Jaipur.</li> <li>➤ अग्रवाल, एम. आर. – वित्तीय प्रबन्ध ।</li> <li>➤ मिश्रा, वी.के. – वित्तीय बाजार परिचालन ।</li> <li>➤ सेठी, टी.टी. – मौद्रिक अर्थशास्त्र, लक्ष्मी नारायण अग्रवाल, आगरा ।</li> <li>➤ आहुजा, एच. एल. (2001) – उच्चतर समष्टि अर्थशास्त्र, एस. चन्द एण्ड कम्पनी लि., नई दिल्ली ।</li> <li>➤ झिंगन, एम. एल. – समष्टि अर्थशास्त्र, वृन्दा पब्लिकेशन, नई दिल्ली ।</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Melvin : International Money and Finance</li> <li>➤ Ackley, G. (1978) – Macroeconomics: Theory and Policy, McMillan, New York.</li> <li>➤ Patinkin, D. (1965) – Money, Interest and Prices, Harper and Row, New York.</li> <li>➤ Tarapore S.S. : Issues in Financial Sector Reforms</li> <li>➤ Stoneir and Shapiro: Money and Banking</li> </ul>
<b>Suggested E-resources</b>	<p>E-pgpathashala modules: <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>  <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>  <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></p>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8008T</b>
<b>Title of the Course</b>	<b>INDIAN PUBLIC FINANCE</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The aim of this course is to provide in depth knowledge of financial functioning of the government of India especially about Federal relations, budgeting, income and expenditure. It will also sharpen the analytical skills of the students by highlighting on the policies related taxes, debt, expenditure and deficit financing in Indian economy.

<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Students will also acquaint with the broad overview of Indian government expenditure and income system.</li> <li>➤ Students will also get familiar with the policies and practices related to public goods, taxes, debt, expenditure of Indian economy.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Indian Federal Finance</b>-Brief History, Constitutional Provisions, Centre-State Financial Relations, Financial Imbalances, Issues Between Centre-State Financial Relations, Local bodies constitutional provision.</p> <p>Finance Commissions and their functions, Policy Commission, Detailed study of latest Finance commissions and its recommendations. (12 Hrs)</p>
<b>UNIT -II</b>	<p><b>Public Expenditure in India</b>- Development and Non-Development, Plan and Non-Plan Expenditure.</p> <p>Reasons for increase in Public Expenditure, Major heads of Expenditure of Government of India, Trends and Issues of Expenditure of Centre and State. (12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Indian Tax System</b>- Major Heads in Tax Revenue, Structural Changes in Tax Revenue, Structural Changes in Direct and Indirect Taxes, Problems of Taxation in India,</p> <p>Tax-GDP Ratio, Elasticity of Tax Revenue, Burden of Indian Taxes, Major Tax Reforms, GST and Its Implications. (12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Public Debt in India</b>- Reasons and Trends for Increase in Internal and External Debt of Centre Government, Public Debt of State Governments.</p> <p>Burden of Public Debt in India, Public Debt and Development Finance in India, Is India in Debt Trap? (12 Hrs)</p>
<b>UNIT-V</b>	<p><b>Fiscal Policy in India</b>-Objectives, Evaluation of Effectiveness of Fiscal Policy in India, Detailed Study of Latest Budget of Government of India.</p> <p>Challenges of Maintaining Fiscal Deficit, Disinvestment Policies, FRBM act and Deficit Financing in India. (12 Hrs)</p>

<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Bhatia, H. L. (Latest) – Public Finance: Theory and Practice, Vikas Publication House, New Delhi</li> <li>➤ Bhargava, P. K. (1991) – India's Fiscal Crisis, Ashish Publishing House, New Delhi.</li> <li>➤ J.R. Gupta, Public Economics in India, 3<sup>rd</sup> Edition, 2017, Atlantic Publication, New Delhi</li> <li>➤ Lekhi, R K (2003): Public Finance, Kalyani Publications, New Delhi.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Reports of Various Finance Commissions(Latest)</li> <li>➤ Government of India Budget (Latest)</li> <li>➤ Government of India Long term Fiscal Policy(Latest)</li> <li>➤ Economic Survey, Government of India (Latest).</li> </ul>
<b>Suggested E-resources</b>	E-pgpathashala modules <a href="http://www.inflanet.org">www.inflanet.org</a>
<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8009T</b>
<b>Title of the Course</b>	<b>ELEMENTARY STATISTICS AND ECONOMETRICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None

<b>Objectives of the course</b>	<b>Objectives:</b> The basic objectives of this course are to acquaint the students with various Statistical Methods(techniques) and basic econometrics.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Students will be able to understand the statistical tools which are frequently used in social sciences research such as estimation, hypothesis testing, Regression &amp; correlation, concept and use of probability theory.</li> <li>➤ Student will acquaint with the Econometrics part which covers the basic concept and estimation of ordinary least square method which is essential for practical understanding of economic relations and framing economic models.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Central Tendency and Dispersion:</b> Measures of central tendency: Mean, Median, Mode. Measures of dispersion: Range, Mean Deviation, Standard deviation, coefficient of variation. Skewness and Kurtosis.</p> <p><b>Correlation and Regression:</b> Correlation: Simple, Coefficient of correlation – Karl Pearson and Rank Correlation; Regression analysis: Estimation of regression line in a bivariate distribution – Least squares method, interpretation of regression coefficients. (12 Hrs)</p>
<b>UNIT -II</b>	<p><b>Time series analysis:</b> Concepts and components, Determination of Regular Trend and Seasonal Indices.</p> <p><b>Index numbers</b> – Concept, Price relative, Quantity relative and Value relative, Index Methods – Laspeyer's, Pasche's and Fisher, Family budget method, Problems in the construction and limitations of Index Numbers, Test for ideal Index Number. (12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Probability Theory and Distribution:</b> Elementary Probability Theory, addition and multiplication theorems, Bay's theorem, Random variables, Mathematical Expectation. Probability distribution: Binomial, Poisson and Normal. (12 Hrs)</p>

<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Basic Econometrics-</b>  Nature, Meaning and Scope of Econometrics, Goals of Econometrics, Methodology of Econometric Research.</p> <p>The Simple Linear Regression Model -Ordinary Least Squares Method, Assumptions and Properties of OLS Estimations (without derivation), Gauss Markov's Theorem, Numerical Application of Regression Analysis.</p> <p>Concept of <math>R^2</math>, Statistical Tests of Significance of the OLS Estimates – T test and their Numerical Application in OLS estimation.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Problems in Regression Analysis:</b>  Autocorrelation, Multicollinearity, Heteroscedasticity – Nature and Causes.</p> <p>Meaning and uses of Dummy variables; Reasons and role of Lags in Economics;</p> <p>Difference between Autoregressive and Distributed Lag Model.</p> <p>Simultaneous equation models- Nature and meaning. (12 Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Gupta, S.P. – Statistical Methods.</li> <li>➤ Gupta, S.C. – Fundamentals of Applied Statistics, Sultan Chand and Sons, New Delhi</li> <li>➤ Gujrati, D. (1995), Basic Econometrics, (3rd Edition), McGraw Hill, New Delhi.</li> <li>➤ Mehta and Madnani – Elementary Mathematics in Economics, Educational Publisher, Agra.</li> <li>➤ Nagar, A.L. and Das, R.K. (1993) – Basic Statistics, Oxford University Press, New Delhi.</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Allen, R.G.D. (1974) – Mathematical Analysis for Economists, Macmillan Press and ELBS, London.</li> <li>➤ Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.</li> <li>➤ Croxton, F.E., D.J. Cowden and: Applied General Statistics.</li> <li>➤ Rao, N.S., Suthar, S.P., Gupta, S.L. (2008) – Business Statistics, Arvind Prakashan, Udaipur.</li> <li>➤ Spiegel, M.R. : Theory and Problems of Statistics.</li> <li>➤ Agarwal, D.R. : Quantitative Methods (Mathematics and Statistics)</li> <li>➤ Johnston, J. and J.D. Nardo (1997), Econometric Methods, McGraw Hill, New York.</li> <li>➤ Mmenta, J. (1997), Elements of Econometrics, Michigan Press, New York.</li> <li>➤ Koutsoyiannis, A. (1977), Theory of Econometrics, (2nd Edition), The Macmillan Press Ltd., Hampshire.</li> <li>➤ Maddala, G.S. (1993), Econometrics – An Introduction, McGraw Hill, New York.</li> </ul>
<b>Suggested E-resources</b>	E-pgpathashala modules:- <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a> <a href="http://www.ignou.ac.in">www.ignou.ac.in</a> <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8010T</b>
<b>Title of the Course</b>	<b>ECONOMICS OF DEVELOPMENT AND PLANNING</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.
<b>Credit of the course</b>	4 credits

<b>Type of the course</b>	Discipline Centric Compulsory Course (DCC) in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<b>Objectives:</b> This is the advanced course in Economics after understanding the basics in previous semester it enables student implement the acquired techniques in practical conditions.
<b>Learning outcomes</b>	The students would be able to understand: <ul style="list-style-type: none"> <li>➤ The models of economic development and their application for underdeveloped or developing economies.</li> <li>➤ The important issues in the context of development such as, role of Population, International Trade, importance of domestic macroeconomic policies, investment criteria, and theory of economic planning.</li> <li>➤ The project evaluation techniques, which will enable them to evaluate the profitability of projects.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Human Capital Formation and Economic Development</b> Population and Economic Development - Theory of Demographic Transition, Population as Limit to Growth and as Ultimate Source. Human Capital Formation – Meaning, Need and Objectives. Measures, Problems and Limitations of Human Capital Formation. Criteria of Human Capital Formation. (12 Hrs)
<b>UNIT -II</b>	<b>Models of Economic Development I</b> Harrod and Domar Growth Models, Neo Classical Growth Models – Solow and Meade, Mrs. Joan Robinson's Growth Model- Golden Rule of Accumulation, Kaldor Model of Distribution. (12 Hrs)
<b>UNIT-III</b>	<b>Models of Economic Development II</b> Models of Technical Change: Neutral and Non-Neutral (Hicks and Harrod), Romer’s Endogenous Growth Model. Jorgensons Model

	of Dual Economy. Uzawa Two Sector Model of Growth. Harris-Todaro Model of Rural-Urban Migration. (12 Hrs)
<b>UNIT-IV</b>	<p><b>Economic Planning</b></p> <p>Economic Planning – Meaning, Objective and Principles. Planned Vs. Unplanned Economy. Plan Models- Meaning and Types. Control under Planning – Meaning, Need, Types and Limitations. Role of State in Economic Development.</p> <p>Wage Goods Model Approach to development and Indian Economy. (12 Hrs)</p>
<b>UNIT-V</b>	<p><b>Techniques and Problems of Economic Planning</b></p> <p>Planning Techniques- Input-Output Analysis, Linear Programming and Capital-Output Ratio (Only Concept). Shadow Prices, Criterion of Project Evaluation, Investment Criterion.</p> <p>Choice of techniques- Labour Intensive Vs. Capital Intensive Technique. Resource mobilization for planning: Domestic resources and External resources- Foreign borrowings Vs. foreign direct investment. (12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Jhingan, M.L. (2016) – Economics of Growth and Development, Vrinda Publication. (English &amp; Hindi Version)</li> <li>➤ Puri, V.K. and S.K. Misra (2016). Economics of Development and Planning, Himalaya Publishing House, New Delhi.</li> <li>➤ Taneja, M. L. and R. M. Myer (2008). Economics of Development and Planning, Vishal Publishing Company, Jalandhar.</li> <li>➤ Todaro, M. P. (1996) (6th edition). Economic Development, Longman, London.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Behrman, S. and T.N. Srinivasan (1995). Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.</li> <li>➤ Ghatak, S. (1986). An introduction to Development Economic, Allen &amp; Unwin, London.</li> <li>➤ Kapila, Uma, Ed. (1980). Indian Economy Since Independence, Vol.1, Academic Foundation, Delhi.</li> <li>➤ Little, I. M. D. &amp; J. E. Mirrlees (1974). Project Appraisal and Planning for Developing Countries, Basic Books, New York.</li> <li>➤ Meier, G.M. and James E. R. (2006). Leading Issues in Economic Development, Oxford University Press, New York.</li> <li>➤ Singh, S.P. (2001). Economic Growth and Planning, Himalaya Publishing House, New Delhi.</li> <li>➤ Ray, Debraj-(2004). Development Economics, Oxford University Press, New Delhi</li> <li>➤ Thirwall, A.P. (1999). Growth and Development with special reference to developing economics, Macmillan and ELBS, London.</li> <li>➤ Wadhwa, C.D., Ed., (1988). Some Problems of India's Economic Policy, 2nd Ed., Tata McGraw-Hill, New Delhi.</li> </ul>
<p><b>Suggested E-resources</b></p>	<p>E-pgpathashala modules:-<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>  <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>  <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></p>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8100T</b>
<b>Title of the Course</b>	<b>INDIAN ECONOMY-I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Paper in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of the paper is to provide a broad overview of the Indian economy. The paper emphasis on broad demographic features, Sectoral growth and their Issues. Course also covers the basic Social and Economic infrastructure and Natural resources of India.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Student will be able to get a broad overview of the Indian economy.</li> <li>➤ The course is expected to enable students to understand the Social and Economic Infrastructure and Natural resources of India.</li> <li>➤ Student will get familiar with the issues related to Agriculture, Industry and Foreign trade in India.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>An Overview of Indian Economy:</b> Structural Transformation in India- Sectoral trends and growth rates. Broad Demographic

	features of Indian Population- Sex Ratio, Literacy rate, Occupational pattern in India. Rural-Urban Migration, Population Policy (Latest). (10 Hrs)
<b>UNIT -II</b>	<b>Agriculture Sector</b> – Importance of Agriculture in Indian Economy, Trends in Agricultural production and Productivity, Need for Land Reforms, Technological changes in Agriculture, Pricing of Agriculture Inputs and Output, Agriculture Finance Policy, Agriculture Marketing, Issues in Food Security, Policies for Sustainable Agriculture, Need for the Agriculture Insurance. (14 Hrs)
<b>UNIT-III</b>	<b>Industrial Sector</b> – Growth and Pattern of Industrialization, Industrial Policies and New Economic Reforms, Privatisation and Disinvestment, Exit Policy Issues in Labour Market Reforms. <b>Services Sector-</b> Growth of Service Sector in India, Contribution of services sector in GDP and Employment. (12 Hrs)
<b>UNIT-IV</b>	<b>Foreign Trade</b> – Volume, Structure and direction of Foreign Trade, Balance of Payments, Issues in Export-Import Policy and FEMA, Exchange Rate Policy, The management of Foreign Exchange, Issue of the Convertibility of Rupee on Capital Account Foreign Capital and MNCs in India. (12 Hrs)
<b>UNIT-V</b>	<b>Poverty, Inequality and Unemployment-</b> Concepts, Estimation, Trends and measures to eradicate them. Problem of corruption and parallel economy. Challenges to inclusive growth in India. Need for and issues in good governance. (12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Mishra and Puri – Indian Economy, Himalaya Publishing House, New Delhi.</li> <li>➤ Rudra Dutt and Sundaram – Indian Economy, S. Chand and Company, New Delhi.</li> <li>➤ Alok Ghosh – Indian Economy Its Nature and Problems, the New Book Stall.</li> <li>➤ Hariharan, N. P. (2008) – Lights and Shades of Indian Economy, Vishal Publishing Co., Jalandhar.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Uma Kapila (20<sup>th</sup> Edition) (2009) – Indian Economy since Independence, Academic Foundation, New Delhi.</li> <li>➤ रूद्रदत्त-विकास, गरीबी एवं समता, दीप एवं दीप पब्लिकेशन प्रा. लि., नई दिल्ली।</li> <li>➤ भारतीय अर्थव्यवस्था अतिरिक्तांक), प्रतियोगिता दर्पण, उपकार प्रकाशन, आगरा।</li> <li>➤ भारतीय अर्थव्यवस्था-साहित्य भवन पब्लिकेशन्स, आगरा।</li> <li>➤ मिश्रा एवं पुरी-भारतीय अर्थव्यवस्था, हिमालय पब्लिशिंग हाऊस, नई दिल्ली।</li> <li>➤ दत्त एवंसुन्दरम-भारतीय अर्थव्यवस्था, एस. चन्द एण्ड कम्पनी, नई दिल्ली।</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Jalan, B. (1992) – The Indian Economy, Problems and Prospects, Viking, New Delhi.</li> <li>➤ Reserve Bank of India – Report on Currency and Finance (Annual).</li> <li>➤ Indian Economy (Extra issue) – Pratiyogita Darpan, Upkar Prakashan, Agra.</li> <li>➤ Todaro, M. (1997) – Economic Development in the third world, Addison Wesley, England.</li> <li>➤ Brahmananda, P. R. and V. R. Panchmukhi (Eds.) (1987) – The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.</li> <li>➤ World Bank (2000) – Indian Reducing Poverty, Accelerating Economic Development, Oxford University Press, New Delhi.</li> <li>➤ Government of India, Planning Commission, 11<sup>th</sup> Five Year Plan, New Delhi.</li> <li>➤ Vijay Nagesh Gumma (2008) – The Impact of Globalization on Small Scale Industries, Deep and Deep Publication Pvt. Ltd., New Delhi.</li> </ul>
<b>Suggested E-resources</b>	<p>E-pgpathashala modules:-<a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a>  <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>  <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></p>

<b>SEMESTER-II</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO8101T</b>
<b>Title of the Course</b>	<b>ECONOMY OF RAJASTHAN-I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Paper in Economics
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of the paper is to provide a broad overview of the Rajasthan economy. The paper emphasis on broad demographic features, Sectoral growth and the basic economic infrastructure and Natural resources of Rajasthan. Course also covers major problems in Rajasthan Economy
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Student will be able to get a broad overview of the Rajasthan economy.</li> <li>➤ Student will get familiar with the Sectoral growth rates and various problems in the Rajasthan Economy.</li> <li>➤ The course is expected to enable students to understand the Social and Economic Infrastructure and Natural resources of Rajasthan Economy.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Introduction:</b> Rajasthan Economy- Characteristics, compositional trend of GDP; Position of Rajasthan in the Indian Economy. Broad

	Demographic Features of Rajasthan: Population Size and Growth Rates, Sex Composition, Population and occupational Distribution of Labour Force. (12 Hrs)
<b>UNIT -II</b>	<b>Agriculture Sector:</b> Major issues related to Agriculture sector- Land utilization pattern, irrigated Area, Sources of irrigation and their contribution, Agricultural Development during Planning Period, Problem of Drought and Famine in Rajasthan. Government policies and programs to promote the agriculture development. (12 Hrs)
<b>UNIT-III</b>	<b>Industrial Sector</b> -Salient Features, Regional variation in Industrial Development of Rajasthan, Role and Problems of small scale Industries. Role of different corporations in Industrial Development- RIICO, Rajasthan Financial Corporation(RFC), Rajasthan small industries Corporation Limited (RAJSICO). (12 Hrs)
<b>UNIT-IV</b>	<b>Services Sector-</b> Growth of Service Sector in Rajasthan, Contribution of services sector in GDP and Employment. <b>Tourism Development in Rajasthan</b> - Role of Tourism in Rajasthan, Problems and Prospects of Tourism in Rajasthan. Role of Rajasthan Tourism Development Corporation (RTDC) in the tourism development, Latest Tourism Policy in Rajasthan. (12 Hrs)
<b>UNIT-V</b>	<b>Problems of Rajasthan Economy</b> – Major problems of Rajasthan Economy, Problem of Poverty and Unemployment: Recent trends, causes and measures undertaken by Government to solve the problems. Rural Development Schemes and Special Area Programs in Rajasthan. (12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Laxminarayan Nathuram Ka, Rajasthan Economy, college book house, Jaipur.</li> <li>➤ H.R. Bhalla, Contemporary issues in Rajasthan.</li> </ul>

<b>Reference Books</b>	<ul style="list-style-type: none"><li>➤ Economic Review, Government of Rajasthan.</li><li>➤ Tourism policy of Rajasthan, Department of Rajasthan.</li><li>➤ Agricultural statistics of Rajasthan. Basic statistics, Rajasthan.</li></ul>
<b>Suggested E-resources</b>	<a href="https://statistics.rajasthan.gov.in/pages/department-page/647">https://statistics.rajasthan.gov.in/pages/department-page/647</a> <a href="https://plan.rajasthan.gov.in/home/dptHome">https://plan.rajasthan.gov.in/home/dptHome</a>

**MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR**

**SYLLABUS OF ECONOMICS**

(Based on National Education Policy 2020)

**Faculty of Social Science**



**Post Graduation Course, Arts**

**2023-24 onwards**

<b>M.A. (YEARS DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT- ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9011T</b>
<b>Title of the Course</b>	<b>INTERNATIONAL ECONOMICS-I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 Credits
<b>Type of the course</b>	Discipline Centric Core Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This course provides students with an advanced understanding of the theories and principles of international economic relations. The course aims to equip students to evaluate the complexities of global economic interactions, trade and economic policy coordination.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This paper explains the fundamentals of theories of International Economics.</li> <li>➤ This paper provides advance understanding of inter industry trade along with intra industry trade.</li> <li>➤ It will help the students to examine the impact of the trade policies on gains from trade and terms of trade of a country.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Theories of International Trade</b></p> <p>Difference between Inter Regional and International Trade, Purpose and Subject Matter of International Economics. Theories of Absolute Advantage and Comparative Costs Advantage. Refinements of Comparative Cost Theory- in money terms, for more than two commodities, for more than two countries, multiproduct and multination trade model, in case of transportation cost, Opportunity Costs theory. Modern Theory of International Trade and its Empirical Testing.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>New Theories of International Trade I</b></p> <p>Factor Price Equalization Theorem- Relative and Absolute Factor Price Equalization, Factor Intensity Reversal, Kravis and Linder's Theorem, The Rybczynski Theorem, Stopler – Samuelson Theorem.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>New Theories of International Trade II</b></p> <p>Posner's Theory, Vernon's Theory, Kenen's Theory, Emmanuel's Theory. Intra-industry Trade and Neo Heckscher-Ohlin Model by Falvey, Brander-Krugman Oligopolistic Model.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>The Gains from Trade</b></p> <p>Meaning, Potential and Actual Gain from International Trade. Measurement of Gains from Trade and their Distribution- Argument of Ricardo-Malthus, Findlay, Taussing, Mill and Modern argument. Static and Dynamic Gains from Trade. Gain From Trade for Small and Large Nation.</p> <p style="text-align: right;">(12 Hrs.)</p>

<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>The Terms of Trade</b></p> <p>Different Concepts, Determination of Terms of Trade, Factors Affecting Terms of Trade, Terms of Trade and Economic Development, Secular Deterioration Hypothesis. Trade as an Engine of Economic Growth.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Jhingan M.L. (2015). International Economics, Vrinda Publications, New Delhi (English &amp; Hindi Version).</li> <li>➤ Mithani, D. M. – International Economics, Himalaya Publication House, Bombay.</li> <li>➤ Rana, K.C. and K.N. Verma (2010). International Economics, Vishal Publishing House, Ludhiana. (English &amp; Hindi Version)</li> <li>➤ Salvator, D. (2014): International Economics: Trade and Finance, 11th Ed., John Willey &amp; Sons, Singapore.</li> <li>➤ Vaish, M.C. and S. Singh (2000). International Economics, Oxford and I.B.H. Publishing Company Pt. Ltd., New Delhi.</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Acharya, R. (2014). International Economics, Oxford University Press.</li> <li>➤ Bhagwati, J. (Ed.) (1981). International Trade: Selected Readings, Cambridge University Press, Mass.</li> <li>➤ Cherunilam, F. (2008). International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.</li> <li>➤ Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.</li> <li>➤ Goldstein, M. (1998) – The Asian Financial Crisis: Causes, Cure and Systematic Implication, Institute for International Economics, Washington, D.C.</li> <li>➤ Grable, J. O. (1996) – International Financial Markets, Prentice Hall, Englewood Cliffs, New York.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.</li><li>➤ Krugman, P.R. and Obstfeld, M. (1994). International Economics: Theory and Policy, Glenview, Foresman.</li><li>➤ Mundell, R. (1968) – International Economics, The Macmillan Company Ltd., New York.</li><li>➤ Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.</li><li>➤ Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur.</li></ul>
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<b>M.A. (YEARS DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT- ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9012T</b>
<b>Title of the Course</b>	<b>RESEARCH METHODOLOGY</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Centric Core Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The present course is designed to acquaint the students with the process of conducting research. It also covers various tools for analyzing the data and report writing.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course builds up the theoretical framework about the concepts of research and research design to the students.</li> <li>➤ Students will be familiar with the various types of data, methods to collect data and how to process the data.</li> <li>➤ Students will get acquainted with the various data analysis tools and techniques for research.</li> <li>➤ Students will be skilled to frame a good research proposal and write its report.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Introduction</b>

	<p>Research- Meaning, Objectives and Types. Characteristics of Good Research. Research Process.</p> <p>Research Problem- Identification and Formulation. Review of Literature-Meaning and Importance.</p> <p style="text-align: right;">(10 Hrs.)</p>
<b>UNIT -II</b>	<p><b>Research and Sampling Design</b></p> <p>Research designs- Meaning, Need, Features of Good Research Design, Types- Exploratory, Descriptive, Causal.</p> <p>Sampling Design- Meaning, Importance, Characteristics. Difference in Sample and Census Survey. Types of Sampling Design- Probability and Non-Probability Sampling Designs and their different types.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Data Collection and Processing</b></p> <p>Types and measurement of Data. Sources of Data Collection- Primary and Secondary. Methods and Instruments of Data Collection. Problems of data collection. Designing of questionnaire - Meaning, types of questionnaires, Stages in questionnaire designing, Essentials of a good questionnaire.</p> <p>Data Editing and Coding. Data Classification, Tabulation- Importance, Components and Types of Tables, Diagrammatic and Graphical Representation of Data- Importance and Types.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Data Analysis and Hypothesis Testing</b></p> <p>Hypothesis Testing: Meaning and Formulation of Hypothesis, Types of Hypotheses, Procedure of Hypothesis Testing. Types of Errors, Level of Significance, Power of test. Types of Tests- Parametric and Non-Parametric- Z test, t-test, F-test, ANOVA, <math>\chi^2</math> test.</p> <p style="text-align: right;">(14 Hrs.)</p>

<p style="text-align: center;"><b>UNIT-V</b></p>	<p style="text-align: center;"><b>Content Analysis, Report Writing and Referencing</b></p> <p>Content Analysis- Meaning, Features and Process. Merits and Demerits of Content Analysis. Meaning and Importance of Report Writing. Cautions in writing a report. Components of Report. Citation, References and Bibliography- APA style.</p> <p style="text-align: right;">(10Hrs.)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Goode. W.J and Hatt. P.K (1952). <i>Methods in Social Research</i>, New York: McGrawHill</li> <li>➤ Kothari, C. R. (2008). <i>Research Methodology: Methods and Techniques</i>, New Delhi:New Age International.</li> <li>➤ Kataria, S.K. and Paliwal, N. (2018). <i>Shodh Pravidhi</i>, National Publishing House,Jaipur.</li> <li>➤ Sadhu A.N. and Singh A. (2005). <i>Research Methodology and Social Sciences</i>, NewDelhi: Himalaya Publishing.</li> <li>➤ Tandon.B.C (Ed.) (1979). <i>Research Methodology in Social Sciences</i>, Allahabad:Chaitanya Publishing House.</li> <li>➤ Young, P. V. (1949). <i>Scientific Social Surveys and Research</i>, New Jersey: PrenticeHall, Englewood Cliffs.</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Wilkinson, S. and Bhandarkar, P.L. (1989). <i>Methodology and Techniques of Social Research</i>, New Delhi: Himalaya Publishing.</li> <li>➤ William N. (2005). <i>Your Research Project</i>, New Delhi: Vistar Publications.</li> </ul>
<p style="text-align: center;"><b>Suggested E-resources</b></p>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9102T</b>
<b>Title of the Course</b>	<b>ECONOMETRICS – I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Mathematics and Statistics.
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The course intends to provide a basic introduction to the concepts and process in econometric research. It facilitates students in conducting empirical research by constructing the econometric models, estimating their parameters and interpreting it.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This paper is designed to equip the students with the basic concepts and assumptions of econometrics.</li> <li>➤ Student will learn how to construct econometric models, estimate the parameters of these models in case of quantitative and qualitative data and interpret the parameters estimates.</li> <li>➤ Student will get familiar with the concept of lag variables and various functional forms of regression models.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Introduction-</b> Meaning, objectives and Scope of Econometrics, Methodology of Econometric Research.</p> <p><b>The Simple Linear Regression Model</b> -Ordinary Least-Squares (OLS) Method, Assumptions and Properties of OLS Estimations (with derivation), Gauss Markov's Theorem, Numerical Application of Regression Analysis- Estimation of OLS parameters, Confidence Intervals of the Parameters, Statistical Tests of Significance of the OLS Estimates – t and F test and Goodness of fit (<math>R^2</math>)- Concept and Derivation of <math>R^2</math> and Adjusted <math>R^2</math>.</p> <p style="text-align: right;">(14 Hrs.)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Multiple Regression Model (Two Explanatory Variables):</b> Meaning and Assumptions, Numerical application in Multiple Regression Model (without derivation) – Estimation of the Parameters, Hypothesis testing in Multiple Regression using T test, F test and Goodness of fit (<math>R^2</math>).</p> <p><b>Problems in Regression Analysis-</b> Multicollinearity: Assumptions, Causes, Consequences, Tests to detect the problem and Remedial steps to solve these problems.</p> <p style="text-align: right;">(10 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Problems in Regression Analysis</b> - Autocorrelation and Heteroscedasticity – Assumptions, Sources, Causes, Consequences, Tests to detect the problem and Remedial steps to solve these problems. Errors of Measurement and Solutions for the Case of Errors in Variables.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Regression with Qualitative Variables:</b> Dummy Variable Techniques- Testing structural stability of regression models; Comparing two regressions, Interaction Effects, Seasonal analysis, Piecewise linear regression, Use of dummy variables.</p>

	Regression with dummy dependent variables; The LPM, Logit, Probit and Tobit Models.  (14 Hrs.)
<b>UNIT-V</b>	<b>Autoregressive and Distributed Lag Models</b> -Koyek Model, Almon Model, Partial Adjustment Model, Adaptive Expectations Model; Functional forms of Regression Models- The log linear Model, Semilog Models, Reciprocal models, Logarithmic reciprocal model.  (10 Hrs.)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Gujarati, D. (1995) – Basic Econometrics, McGraw Hill, New Delhi.</li> <li>➤ Johnston, J. (1985) – Econometric Methods, McGraw Hill, New York.</li> <li>➤ Koutsoyiannis, A. (1977) – Theory of Econometrics, (2nd Edition), The Macmillan Press Ltd., Hampshire.</li> <li>➤ Maddala, G. S. (1993) – Econometrics: An Introduction, McGraw Hill, New York.</li> <li>➤ G. M. K. Madnani – Introduction to Econometrics: Principles and Applications, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.</li> <li>➤ enukuh] th- ,e- ds- (1996½ &amp; vFkZfeFr% vo/kkj.kk,a ,oa fof/k;ka] vkWDIQksMZ ,oa vkbZ-ch-,p- dEiuh çk- fy-] ubZ fnYyhA</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Intriligator, M. D. (1978) – Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey.</li> <li>➤ Pindyck, R. S. and D. L. Rubinfeld (1976) – Econometric Models and Economic Forecasts, McGraw Hill, Kogakusha, Tokyo.</li> <li>➤ Chow, G. C. (1983) – Econometrics, McGraw Hill, New York.</li> <li>➤ Dhrymes, P. J. (1970) – Econometrics – Statistical Foundations and Applications, Harper and Row Publishers, New York.</li> <li>➤ Kmenta, J. (1997) – Elements of Econometrics, University of Michigan Press, New York.</li> </ul>

<b>Suggested E-resources</b>	<ul style="list-style-type: none"><li>➤ E-pgpathashala modules</li><li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li><li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li><li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9103T</b>
<b>Title of the Course</b>	<b>INDUSTRIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The course intends to provide a basic understanding of the principles, theories, and concepts of Industrial Economics. It familiarizes students with the organization and practices of industries. It facilitates students in examining the market structure, Market conduct & Product pricing.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Describe the fundamental concepts and theories of Industrial Economics.</li> <li>➤ Analyse the organization and practices of industries, including production processes, cost structures, pricing strategies, and market conduct.</li> <li>➤ Evaluate the effectiveness and efficiency of industrial policy measures in achieving industrial objectives, such as promoting innovation, competitiveness, and inclusive growth.</li> <li>➤ Understand the process of growth, merger and settlement of firm in different market conditions.</li> </ul>

	<p>➤ Understand the product pricing, balance sheet statements and related issues.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Industrial Economics</b></p> <p>Definition and Scope of Industrial Economics. Basic concepts- Plant, Firm, Industry, Market, Market Structure, Market Power, Market Conduct and Market Performance.</p> <p>Industrialization- Patterns &amp; Stages, Determinants of Industrial Growth. Role, Problems &amp; future of Public Sector Industries, Industrial Combinations- Causes, Mergers and Amalgamation, Industrial Monopoly- Control of Monopolies. Latest Industrial Policy in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT -II</b>	<p><b>Industrial Theories &amp; Pricing Strategies</b></p> <p>Industrialization and Economic Development- Hoffmans Hypothesis, Kuznets Hypothesis, Concept of Firm- Its Organization &amp; different forms of Ownership, Objectives of the Firm; Size of the Firm – Optimum Firm.</p> <p>Cost Concept, The Concept of Production and Optimal Input Mix, Efficiency and size of Firm, Effect of Firm Size on Performance Indicators.</p> <p>Pricing strategies: Cost-based Pricing, Price Discrimination, and Bundling.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Industrial Location</b></p> <p>Theories of Industrial Localization- Alfred Weber, Sargent Florence, Myrdals Cumulative Causation &amp; backwash effects; Hirschmans Polarization and Trickle-down effects. Empirical evidences of paradox</p>

	<p>to the theories of Industrial Location. Factors affecting Location of Industries.</p> <p>Industrial Concentration: Causes and Effects, Need for balanced regional development of industries- role of SIDC, Impact of Industrial Decentralization on Development in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Investment Decision &amp; Appraisal</b></p> <p>Net Present Value, Internal Rate of Return, Payback period, Break even analysis. Pricing Methods in Practice- Cost oriented &amp; computation-oriented pricing policies. Industrial Relations – Causes of Industrial Disputes- Industrial Disputes Act 1948 – Labour Legislation in India – Recent Amendments.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-V</b>	<p><b>Growth of Firm &amp; Financial Statements</b></p> <p>Meaning and need for Growth, Diversification, Vertical Integration &amp; Merger.</p> <p>Balance Sheet, Profit &amp; Loss Account, Ratio Analysis – Meaning &amp; Forms, Classification of Ratios, Limitations, Cost-Profit Analysis, Techniques of Project Evaluation.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Belleflamme, P., &amp; Peitz, M. (2015). Industrial Organization: Markets and Strategies (2nd ed.). Cambridge University Press.</li> <li>➤ Shy, O. (2018). Industrial Organization: Theory and Applications (2nd ed.). The MIT Press.</li> <li>➤ Shepherd, W. G. (2016). The Economics of Industrial Organization (6th ed.). Waveland Press.</li> <li>➤ Barthwal, R. R. Industrial Economics: An Introductory Textbook. New Age International (P) Limited Publishers.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ कुमार, राजीव. (2012), आर्थिक नियोजन। अर्जुन पब्लिशिंग हाउस।</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Don E. Waldman and Elizabeth J. Jensen, Industrial Organization: Theory and Practice.</li> <li>➤ Martin, S.N. and Moorthy, K.U., Industrial Economics.</li> <li>➤ Luis M. B. Cabral, The Economics of Industrial Organization.</li> <li>➤ Jean Tirole, The Theory of Industrial Organization.</li> <li>➤ Ha-Joon Chang, Industrial Policy and Development: The Political Economy of Capabilities Accumulation.</li> <li>➤ Mario Cimoli, Gabriel Porcile, and Sebastián Rovira, Industrial Policy: A Case Study of Brazil.</li> <li>➤ David Alexander Clark, The Elgar Companion to Development Studies.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules</li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9104T</b>
<b>Title of the Course</b>	<b>MATHEMATICAL ECONOMICS -I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-II in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Knowledge of basic mathematical techniques as well as of matrix, differential and integration techniques required
<b>Objectives of the course</b>	This course is designed to equip students to understand the economic concepts and theories with mathematical derivations to refine the verbal logic. Mathematical economics deals with various applications of mathematical tools and techniques in defining and developing economic relationships. This course has been accordingly designed to explain various theories related to the Microeconomics like consumer theory, theory of production, pricing etc. with the application of various mathematical tools/techniques/ models.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The students will be able to apply mathematical tools and techniques to analyze microeconomic theories.</li> <li>➤ It will enable students to elaborate Microeconomic theories and models with mathematical derivations.</li> <li>➤ It develops the quantitative reasoning among the students regarding behavior of consumers and producers in market and market mechanism.</li> </ul>
<b>SYLLABUS</b>	
	<b>Consumer Behavior Analysis I</b>

<p style="text-align: center;"><b>UNIT-I</b></p>	<p>Utility Function, Indifference curve and Its Characteristics. Ordinal Utility Maximization, Slutsky Equation – Income, Substitution and Price Effects, Derivation of Ordinary and Compensated Demand Curve, Elasticity of Demand.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-II</b></p>	<p><b>Consumer Behaviour Analysis II</b></p> <p>Theory of Revealed Preference, Consumer Behaviour under Uncertainty- N-M Theorem. Dynamic Demand Function and Linear Expenditure System.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Production Analysis</b></p> <p>Production Function –Homogenous and Non-Homogeneous Production Function, Stages of Law of Variable Proportion, Cobb-Douglas Production Function, C.E.S. Production Function, Producer's equilibrium under constraints.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Cost- Revenue Analysis and Market Equilibrium</b></p> <p>Cost Functions and their relations, The concept of Revenue Functions, Total, Average and Marginal Revenue, Relation between AR, MR and Elasticities. Market equilibrium; Existence, uniqueness and stability of equilibrium; Static stability, Dynamic equilibrium with lagged adjustment-Cobb-Web Model</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Market Equilibrium under Different Market Conditions</b></p> <p>Price determination in Perfect Competition and Monopoly. Pricing under Monopolistic Competition.</p> <p style="text-align: right;">(12 Hrs)</p>
	<ul style="list-style-type: none"> <li>➤ Mehta, B.C. and G.M.K. Madnani (2008) – Mathematics for Economists, Sultan Chand and Company, New Delhi.</li> <li>➤ Mehta, B. C. (1987) – Mathematical Economics: Microeconomic Models. Sultan Chand and Sons, New Delhi.</li> </ul>

<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Chiang, A. &amp; K. Wainwright (2005) – Fundamental Methods of Mathematical Economics, McGraw Hill, New York.</li> <li>➤ Henderson, J. M. and R. E. Quandt (2009) – Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.</li> <li>➤ लक्ष्मीनारायण नाथूरामका (2012)-अर्थशास्त्र में गणित के प्रयोग, आर. बी. डी. पब्लिशिंग हाउस</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Sydsaeter, K., P. Hammond &amp; A. Strom (2012)- Essential Mathematics for Economic Analysis, Pearson, UK.</li> <li>➤ Arrow, K. J. and M. Intrigator (Eds.) (1982) – Handbook of Mathematical Economics, Vol. I, II and III, North Holland, Amsterdam.</li> <li>➤ Chung, J. W. (1993) – Utility and Production: Theory and Applications, Basil Blackwell, London.</li> <li>➤ Ferguson, C. E. (1976) – Neo Classical Theory of Production and Distribution.</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT- ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9105T</b>
<b>Title of the Course</b>	<b>FINANCIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	Course Contents will be delivered by lecture and tutorials.
<b>Prerequisites</b>	Basic understanding of Macro Economic concepts and principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This course exposes students to the theory and functioning of financial system. It highlights the structure and role of financial markets and institutions. It also discusses various financial instruments and their applicability.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The present course is designed to acquaint the students with the structure and functioning of the financial system in India.</li> <li>➤ It covers the importance, functions and various instruments of money market and capital market.</li> <li>➤ It also introduces students to the investment theories and portfolio analysis.</li> <li>➤ Student will be converse with the concept of derivatives and its role in risk management.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Financial system</b>-Meaning, Structure and Functions. Financial system and Economic development. Recent Developments in the Financial System and Major financial sector reforms in India.</p> <p style="text-align: right;">(8 Hrs.)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Money market</b>-Meaning and Functions. Instruments of money market- Call money market, Commercial Bill market, Commercial papers market, Certificate of Deposits, Collateral loans, Gilt edged securities- Treasury Bills market,</p> <p><b>Institutions of money market</b>- Role of Central bank and Commercial bank, Acceptance houses, Discount houses- DFHI.</p> <p style="text-align: right;">(14 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Capital market</b>- Meaning and Functions. Instruments of Capital Market-Shares, Debentures and Bonds-their meaning and types.</p> <p><b>Derivatives</b> – Meaning, types of derivative market, application of derivative for Risk Management and speculation, concept of SWAPS.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Primary and Secondary markets</b>- Primary market (New issue market)- Meaning and Functions. Role of Intermediaries in NIM - merchant bankers, underwriters, registrar, bankers to an issue, stock broker, Primary dealers, Credit Rating Agencies; Process of Initial Public Offer (IPO), Dematerialization of Shares- Meaning and procedure, Functions of depository.</p> <p>Secondary Market- Meaning and functions of stock exchanges -Trading and Settlement procedure in stock exchange, Players in stock exchanges-Speculators-Bulls, Bears, Lamé duck, Stag- Kerb trading, Insider trading, Listing of securities, Role of SEBI.</p> <p style="text-align: right;">(15 Hrs)</p>

<p style="text-align: center;"><b>Unit-V</b></p>	<p><b>Investment Theory and Portfolio Analysis (only theoretical) -</b>  Deterministic Cash Flow Streams: Basic theory related to interest and principal amount; discounting and present value; internal rate of return; evaluation criteria; fixed-income securities; bond prices and yields; interest rate sensitivity and duration; immunization; the term structure of interest rates; yield curves; spot rates and forward rates.</p> <p>Financial Regulations- Asymmetric information and rationale of securities market, financial market fragility.</p> <p style="text-align: right;">(11 Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ David G. Luenberger, Investment Science, Oxford University Press, USA, 1997.</li> <li>➤ Bhole, L M (1999): Financial Institutions and Markets, Tata Mc Graw Hill Co Ltd, New Delhi</li> <li>➤ Gupta, S B (2007): Monetary Economics Institutions Theory and Policy, Chand and Co Ltd</li> <li>➤ Khan, N Y (1996): Indian Financial system, TATA Mc Graw Hill Co Ltd, New Delhi</li> <li>➤ Bharathi V Pathak (2003): Indian Financial system, Pierson Education, New Delhi</li> <li>➤ Preethi Singh (2009): Dynamics of Indian Financial system, markets, institutions and services, Annes Books Pvt Ltd, New Delhi</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Copeland, T. E. and J. F. Weston, Financial Theory and Corporate Policy, Addison Wesley, 1992.</li> <li>➤ Howells, P. and Bain, K. <i>Financial Markets and Institutions</i>, Fifth Edition, Pearson Education, 2007.</li> <li>➤ Elton, E.J and M.J. Gruber, Modern Portfolio Theory &amp; Investment Analysis, (fourth edition) John Wiley &amp; Sons 1991.</li> <li>➤ Hull, John C., Options, Futures and Other Derivatives, Pearson Education, 6th edition, 2005.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Houthakker, H.S. and P.J. Williamson, Economics of Financial Markets, Oxford University Press, 1996.</li> <li>➤ Keith, P I beam (2005): Finance and Financial Markets, 2nd ed, Palgrave Mc Milan</li> <li>➤ Guru Swamy,S (2006): Capital Markets, 2nd ed, Vijay Nicole Imprints Pvt.Ltd, Chennai, TATA McGraw Hills Co Ltd, New Delhi.</li> <li>➤ Faboozi, J Frank, Modigliani Franco (2008): Capital Markets- Institution and Instruments, 4th ed, Pearson Education, New Delhi (PHI).</li> <li>➤ Kevin, S (2008): Security Analysis and Portfolio Management, 2nd ed, Prentice Hall of India.</li> <li>➤ Avadhani, V A (2008): Security analysis and Portfolio Management, Himalaya Publishing House.</li> <li>➤ Sasidharan, K, Mathews K Alex (2013): Security analysis and Portfolio Management, Tata McGraw Hills Co Ltd, New Delhi</li> <li>➤ RBI Reports</li> <li>➤ Smith, P F (1978): Money and Financial Intermediation: The Theory and Structure of the Financial System, Prentice Hall, New Delhi</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.swayam.gov.in">www.swayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>EC09106T</b>
<b>Title of the Course</b>	<b>AGRICULTURE ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-III in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Basic knowledge of Microeconomics required
<b>Objectives of the course</b>	The main objective of this paper is to give basic knowledge of Agricultural Economics. It aims to explain the basic concepts, principals and theories related to agricultural economics. It emphasizes on the importance of agriculture in economic development. It will enable students to understand and deal with the issues of farm management.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The students will understand the basic concepts of Agriculture Economics and importance of agricultural development for economic development.</li> <li>➤ They will be able to elaborate the theories and principles of Agriculture Economics.</li> <li>➤ They will analyze various types of production functions.</li> <li>➤ This course will develop the understanding of models of agricultural development.</li> <li>➤ It will equip students with the farm management and agriculture marketing techniques and deal with these systems.</li> </ul>
<b>SYLLABUS</b>	
	<b>Introduction</b>

<p style="text-align: center;"><b>UNIT-I</b></p>	<p>Agricultural Economics: Definition, Nature and Scope; Role of Agriculture in Economic Development. Inter-Sectoral Linkages of Agriculture. Complementarity between Agriculture and Industry. Resource management in Agriculture- Land, Labour and Capital in Farming.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-II</b></p>	<p><b>Agricultural Production, Supply and Demand</b></p> <p>Agricultural Production- Stock and Flow Resources, Production functions – Factor-product, factor-factor and Product-product relationships. Types of Production function–Constant Return, Increasing Return and Diminishing Return Functions. Elasticity of Production. Cobb-Douglas production. Size of Farm and Laws of Returns. Factors determining Supply of and demand for farm products</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Models of Agricultural Development</b></p> <p>Models of agricultural development of Lewis, Fei-Ranis, Jorgenson. Schultz’s Transformation of Traditional Agriculture, Mellor’s Model of Agricultural Development, Boserup Model of Agriculture Development, Hayami - Ruttan Induced Innovation Hypothesis.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Farm Organization and Management</b></p> <p>Systems of Farm Organization- Peasant, Corporate, State and Cooperative Farming.</p> <p>Farm Efficiency Measures, Farm Planning, Budgeting and Programming Techniques. Organic farming: definition, Principles, components and relevance in present context. Farm Management- Meaning, objectives, Scope, Principals and limitations.</p> <p style="text-align: right;">(12 Hrs)</p>
	<p><b>Agricultural Marketing and Agri-Business</b></p>

<p style="text-align: center;"><b>UNIT-V</b></p>	<p>Agricultural Marketing -Concepts, Need and pre-requisites for efficient agricultural marketing, Process and Functions of Marketing, Role in Economic Development, Agricultural Marketing Efficiency Criteria. Marketed and Marketable Surplus. Agri-business – Meaning, nature and Scope of Agri-Business. Importance of Agri-business in agricultural development</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Lekhi, R.K. &amp; J. Singh (2008)-Agricultural Economics, Kalyani Publishers, New Delhi (Hindi and English Version).</li> <li>➤ Gupta P.K. (2012)-Agricultural Economics, Vrinda Publications, Delhi (Hindi and English Version).</li> <li>➤ Bilgrami, S.A.R. (1996) – An introduction to Agriculture Economics, Himalaya Publishing House, New Delhi.</li> <li>➤ Desai, R. G. (Latest) – Agriculture Economics, Himalaya Publishing House, New Delhi.</li> <li>➤ Singh C.B. &amp; R.K. Singh (2022)-A Textbook of Agricultural Economics, University Science Press, New Delhi</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Colman, D. and T. Young (1989)- Principles of Agriculture Economics, Cambridge University Pres</li> <li>➤ Andrew Barkley and Paul W Barkley- Principles of Agricultural Economics, Routledge</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT- ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9107T</b>
<b>Title of the Course</b>	<b>ENVIRONMENTAL ECONOMICS-I</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The Present paper aims to provide the basic understanding about the basic concept, issues and problems associated with the environmental economics. It analyses the various environmental problems, their causes and economic policies and laws for environmental protections.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course introduces students to basic concepts related to the environmental economics and its interlinkages with other disciplines.</li> <li>➤ Students will be able to understand the concept of public goods and their optimal provisions.</li> <li>➤ Paper also discusses the various approaches and theories for managing the natural resources.</li> </ul>

	<p>➤ Environment economics also brings insight the various issues and problems associated with the environmental degradation in Indian context and the policy measures adopted to combat them.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction-</b> Environmental Economics - Meaning, Nature and Scope. Various Approaches on Subject matter of Environmental Economics, Interlinkages between Economy and Environment, Relation of Environmental Economics with Ecological Economics and Resource Economics; Classification of resources: Renewable and Non- renewable, Biotic and Abiotic, Exhaustible and Non-exhaustible Resources.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT -II</b>	<p><b>Welfare Criteria and Environmental Analysis:</b> Welfare Economics: Pareto Optimality and Competitive Market. Environment as a Public Good and Market Failure. Market Failure: Public bads and Externalities, Optimal Provision of Public goods and bads.</p> <p>Environmental Kuznets's Hypothesis: Theory and Some Empirical Evidences.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Economics of Natural Resources:</b> Introduction, Various Approaches to Natural Resources; Theories of optimal use of Exhaustible and Renewable Resources.</p> <p>Theory of Collective Choices: Hardin's Thesis of Common Property Resources and Tragedy of Commons; Prisoner's Dilemma, Game theory, Olsen's theory of collective action. Role of Natural Resources in Economic Development.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT -IV</b>	<p><b>Natural Resources: Problems and Measures</b></p> <p><b>Forest Resources-</b> problem of over exploitation of forest, Forest Management.</p>

	<p><b>Water Resources-</b> Problem of Water Salinity and Water logging. Afforestation and Deforestation, Significance of Social Forestry: Concepts of BOD and COD, pH values, Fluoride; Fertilizer use. Sustainable water management,</p> <p><b>Mineral Resources:</b> Environmental impact of Mineral Resources- Measures for Sustainable mining and mineral development.</p> <p><b>Air Pollution:</b> Types of Pollutants and their impact and its measurement. Conservation of Natural Resources.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-V</b>	<p><b>Environmental Laws and Policy in India:</b> The Vision, Goals, Objectives and Instruments of Environmental Policy (Latest); A Critique of India's Environmental Policy. Mechanism for Environmental Regulations in India, Environmental Laws and their implementation, Policy instruments for Controlling Water and Air Pollution, Forest Policy in India (Latest).</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Charles Kolstad, Intermediate Environmental Economics, Oxford University Press, 2nd edition, 2010.</li> <li>➤ Jhingan M.L. Environmental Economics, 2<sup>nd</sup> Edition, Vrinda Publications, 2008.</li> <li>➤ Robert N. Stavins (ed.), Economics of the Environment: Selected Readings, W.W. Norton, 5th edition, 2005.</li> <li>➤ Roger Perman, Yue Ma, James McGilvray and Michael Common, Natural Resource and Environmental Economics, Pearson Education/Addison Wesley, 3rd edition, 2003.</li> <li>➤ Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, Journal of Economic Literature, Volume 30:675-740.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Bhattacharya. R.N (2001), Environmental Economics- An Indian Perspective, Oxford University Press, Delhi.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Hanley. N. J.F Shogren, and B White (2006). Environmental Economics: In Theory and Practice, Oxford University Press.</li> <li>➤ Sengupta, Ramprasad (2003), Ecology and Economics: An Approach to Sustainable Development, Oxford University press.</li> <li>➤ Singh, K. and A. Shishodia (2007), Environmental Economics: Theory and Applications, Sage Publications, New Delhi.</li> <li>➤ Ramprasad Sengupta (2012), Ecological Limits and Economic Development, Oxford University Press.</li> </ul>
<p><b>Suggested E-resources</b></p>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.swayam.gov.in">www.swayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9108T</b>
<b>Title of the Course</b>	<b>INDIAN ECONOMY-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The present course is designed to acquaint the students with the infrastructural development in India. It also introduces student to the concepts of inflation, economic planning and major economic policies related to Indian Economy.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ The present course is designed to acquaint the students with the status of natural resources in India.</li> <li>➤ Students will be conversant with the basic physical and social infrastructure in India and related issues.</li> <li>➤ It also introduces students with the financial market in India and to concepts of inflation and deflation.</li> <li>➤ Student will get familiar with the major economic policies in India and terminologies related to the public finance.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Natural Resource and Physical Infrastructure:</b></p> <p><b>Natural Resources</b> - Land Water and Forest resources – current status and Challenges.</p> <p><b>Physical Infrastructure</b>- Power, Energy, Transport and communication sector – current status and Challenges.</p> <p style="text-align: right;">(10 Hrs)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Social Infrastructure in India:</b></p> <p><b>Education</b>- Status of Education in India- Status of Schooling, Status of formal Vocational Education and Technical Training, Status of Higher Education, Status of Expenditure on Education. Problems of Education in India at all levels, National Education Policy (NEP) 2020- Vision, Provision for School and Higher Education. Major Education schemes &amp; programs.</p> <p><b>Health</b>- Health related Indicators and Nutritional Level in India, Problems of Health Care System in India, Public Expenditure on Health care in India, National Health Policy (Latest). Major Health schemes &amp; programs.</p> <p>India’s Ranking in different global socio-economic indices: HDI, GDI, GII, Happiness Index.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Indian Financial System:</b></p> <p>Money Market in India- Structure of Financial sector in India. Composition, Characteristics, Reforms since 1986.</p> <p>Banking system in India- Banking structure, Nationalization of Banks, Role of RBI &amp; Commercial Banks. Banking sector Reforms, Problems &amp; Concerns.</p>

	<p>Capital Market in India- Structure and Functions, SEBI and Capital Market Development, Major Challenges and Reforms in the Indian Capital Market.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p><b>UNIT-IV</b></p>	<p><b>Public Finance in India</b></p> <p>Public Revenue in India- Sources of Public Revenue in India, Indian tax structure – Trends in direct and indirect tax in India, GST-Merits and Demerits,</p> <p>Public Expenditure in India- Composition, trends and causes of rise in Public Expenditure.</p> <p>Public Debt in India- Status &amp; Classification. Growth of Public Debt &amp; causes, Debt-GDP Ratio.</p> <p>Recommendations of Finance commission (Latest)</p> <p>Union Budget Analysis (Latest)- Thrust area, Sources of Revenue, Expenditure, Budgetary deficit (Fiscal, Primary &amp; Revenue).</p> <p style="text-align: right;">(14 Hrs.)</p>
<p><b>UNIT-V</b></p>	<p><b>Economic Planning and Policies in India:</b></p> <p>Economic Planning in India– Rationale for planning, Features and Objectives of Indian plans. Growth Performance in Five Year Plans, NITI Aayog – Evolution and objectives.</p> <p>Economic Policies in India: Meaning, objectives, tools. Fiscal Imbalance, Fiscal policy and New Fiscal Approach.</p> <p>Monetary Policy- Meaning &amp; Objectives. Monetary Policy tools &amp; Inflation.</p>

	<p>Foreign Trade Policy in India – Overview of Foreign Trade Policy in India before 1991, Trade Liberalization Policy 1991, Latest Foreign Trade Policy.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Mishra and Puri – Indian Economy, Himalaya Publishing House, New Delhi.</li> <li>➤ Rudra Dutt and Sundaram – Indian Economy, S. Chand and Company, New Delhi.</li> <li>➤ Alok Ghosh – Indian Economy Its Nature and Problems, The New Book Stall.</li> <li>➤ Hariharan, N. P. (2008) – Lights and Shades of Indian Economy, Vishal Publishing Co., Jalandhar.</li> <li>➤ Uma Kapila (20th Edition) (2009) – Indian Economy Since Independence, Academic Foundation, New Delhi.</li> <li>➤ Ramesh Singh-Indian Economy (15<sup>th</sup> Edition), McGraw Hill Education India</li> <li>➤ Sanjiv Verma- Indian Economy, (12<sup>th</sup> Edition), Unique Publishers Pvt. LTD</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Reserve Bank of India – Report on Currency and Finance (Annual).</li> <li>➤ Indian Economy (Extra issue) – Pratiyogita Darpan, Upkar Prakashan, Agra.</li> <li>➤ Annual Economic Survey, Government of India (Latest).</li> <li>➤ M. Y. Khan, Indian Financial System, Tata McGraw Hill, 7th edition, 2011.</li> <li>➤ Jalan, B. (1992) – The Indian Economy, Problems and Prospects, Viking, New Delhi.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-III</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9109T</b>
<b>Title of the Course</b>	<b>ECONOMY OF RAJASTHAN-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This course aim to provide students a comprehensive understanding of the economic landscape of Rajasthan, focusing on its unique features, challenges, and potential opportunities, to empower students with a holistic understanding of the economic dynamics of Rajasthan, enabling them to contribute effectively to the state's socio-economic development and prosperity.
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. The students will get introduction of the physical and social infrastructure of Rajasthan.</li> <li>2. They will be able to analyze the challenges and constraints faced by Rajasthan's economy with respect to physical and social infrastructure.</li> </ol>

	<p>3. The students will be able to examine government policies, initiatives, and interventions aimed at promoting economic growth in Rajasthan.</p> <p>4. The course will foster critical thinking and analytical skills among students for current economic issues, and policy debates relevant to Rajasthan's economy.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Natural Resources and Physical Infrastructure:</b></p> <p>Natural Resources - Land, Water, Minerals and Forest resources – current status and Challenges.</p> <p>Physical Infrastructure- Renewable and Non-renewable energy sources- power, Petroleum and Natural Gas; transport, communication and Energy sector – current status and Challenges. Private Investment in Infrastructure and Public Private Partnership projects- outlook and prospects.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT -II</b>	<p><b>Social Infrastructure in India</b></p> <p><b>Education-</b> Status of Education in Rajasthan- status of enrollment in primary and secondary level, formal vocational education, higher education and expenditure on education. Problems in education sector in India.</p> <p><b>Health-</b> Health care in Rajasthan- Importance and Current status. Health care indicators and Nutritional level in India and Rajasthan, Public Expenditure in health care in Rajasthan, Major state programmes and policies related to Health and Education in Rajasthan, Problems of Health care system in Rajasthan.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Economic Reforms and Policies in Rajasthan:</b></p> <p>Panchayati raj and Rural Development in Rajasthan, Economic</p>

	<p>Reforms and liberalization in Rajasthan. State indebtedness and reforms in Rajasthan. FRBM and its implementation in Rajasthan.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Economic Planning in Rajasthan:</b></p> <p>Economic Planning in India – Relevance of planning, Features, Objectives and achievements of Indian plans. (Intro only)</p> <p>Economic Planning in Rajasthan- Five-year plans in Rajasthan till XIIth five-year plan. NITI Aayog – Evolution and objectives. Niti Ayog in Rajasthan.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-V</b>	<p><b>Public Finance in Rajasthan:</b></p> <p>Different Finance Commission’s recommendations in Rajasthan, Gadgil Formula and Rajasthan Finances, Centre- State Finance relationship, financial status of the state and planned development of state.</p> <p>State Budgetary Trends, Economic analysis of latest state Budget and Latest Economic Review of Rajasthan.</p> <p>State budget and Fiscal management issues and challenges.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ol style="list-style-type: none"> <li>1. Laxminarayan Nathuram Ka, Rajasthan Economy, college book house, Jaipur.</li> <li>2. H.R. Bhalla, Contemporary issues in Rajasthan.</li> </ol>
Reference Books	<ol style="list-style-type: none"> <li>1. Economy Review, Ministry of Finance, Rajasthan.</li> <li>2. Rajasthan State Budget, Ministry of Finance, Rajasthan.</li> </ol>
Suggested E-resources	<ol style="list-style-type: none"> <li>1. <a href="https://finance.rajasthan.gov.in/docs/budget/statebudget/2023-2024/economicreviewE.pdf">https://finance.rajasthan.gov.in/docs/budget/statebudget/2023-2024/economicreviewE.pdf</a></li> <li>2. <a href="https://cag.gov.in/uploads/download_audit_report/2021/6.%20Chapter%20-I-06142d8ccbe88c3.79722418.pdf">https://cag.gov.in/uploads/download_audit_report/2021/6.%20Chapter%20-I-06142d8ccbe88c3.79722418.pdf</a></li> </ol>

**MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR**

**SYLLABUS OF ECONOMICS**

(Based on National Education Policy 2020)

**Faculty of Social Science**



**Post Graduation Course, Arts**

**2023-24 onwards**

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9013T</b>
<b>Title of the Course</b>	<b>INTERNATIONAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Centric Core Course
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Knowledge of basic concepts of Microeconomics and Macroeconomics
<b>Objectives of the course</b>	The objective of this course is to provide students with a comprehensive understanding of theory of interventions regarding international trade, theories of exchange and balance of payments. It also aims to develop analytical skills among students to discuss critically the issues in world trade i.e., problem of liquidity, external disequilibrium, trade blocks etc. This course will also enable them to explore the role of international institutions to deal with these issues and methods countries can adopt to face these challenges.

<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course enables students to analyse the pros and cons of trade restrictions and interventions for development of an economy.</li> <li>➤ The students will be the able to identify the reasons behind the disequilibrium in balance of payments of a country and will be able to suggest suitable measures to correct it.</li> <li>➤ It develops a complete understanding of role of international economic institutions and organisations in facilitating international cooperation and coordination on global issues.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Tariff Barriers</b></p> <p>Free Trade V/s Protection, Tariffs – Meaning and Types, Effects of Tariff under partial and general equilibrium, Optimum Tariff, Stolper-Samuelson Theorem in case of Tariff, Effective Rate of Protection</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-II</b>	<p><b>Non-Tariff Barriers (NTBs)</b></p> <p>Meaning and Types, Import Quotas – Meaning, Objectives, Types, Import Quotas V/s Tariffs, Voluntary Export Restraints, Export Subsidies, International Cartels, Technical and Administrative Regulations, Dumping. Dumping – Meaning, Objective, Types and Effects. Anti-Dumping Measures. Economic Integration- stages and forms; Preferential Trade Areas (PTA’s) and Free Trade Areas (FTA’s). The Theory of Customs Union, its Partial and general equilibrium analysis.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Balance of Payment</b></p> <p>Balance of Trade and Balance of Payments – Meaning and Components, Disequilibrium in Balance of Payments, Measures to</p>

	<p>correct Disequilibrium in Balance of Payments, Adjustment Mechanism of Balance of Payments- Automatic Price Adjustment, Elasticity Approach, Absorption Approach, Expenditure Policies and Monetary Approach.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Exchange Rate and Internal &amp; External Balance</b></p> <p>Foreign Trade Multiplier, Foreign Exchange Rate- Meaning and Determination. Theories of Foreign Exchange Rate Determination- Mint Parity, PPP, BoP, Monetary Approach, Portfolio Balance Approach. Fixed v/s Flexible Exchange Rate Policies, Intermediate or Hybrid Exchange Rate Systems, Multiple Exchange Rates System. Exchange Rate Regimes in Practice. Internal and External Balance Simultaneously- Mundellian Model of Monetary and Fiscal Policies, IS-LM-BP Model with Flexible Exchange Rate.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-V</b>	<p><b>International Economic Institutions</b></p> <p>International Monetary Fund, World Bank and WTO- Objectives, Organization, Functions, Activities and their role in Economic Development of India. The Problem of International Liquidity. Multilateralism and Regionalism- Contemporary Regionalism, economic effects and gains from Regionalism, Multilateralism in post WTO Era. Impact of Economic Integration of India on Indian Economy- SAARC and ASEAN.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Jhingan M.L. (2015). International Economics, Vrinda Publications, New Delhi (English &amp; Hindi Version)</li> <li>➤ Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Mithani, D. M. – International Economics, Himalaya Publication House, Bombay.</li> <li>➤ Vaish, M.C. and S. Singh (2000). International Economics, Oxford and I.B.H. Publishing Company Pt. Ltd., New Delhi.</li> <li>➤ Rana, K.C. and K.N. Verma (2010). International Economics, Vishal Publishing House, Ludhiana. (English &amp; Hindi Version)</li> <li>➤ Salvator, D. (2014): International Economics: Trade and Finance, 11<sup>th</sup> Ed., John Willey &amp; Sons, Singapore.</li> <li>➤ Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.</li> <li>➤ Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur.</li> <li>➤ Acharya, R. (2014). International Economics, Oxford University Press</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Kindlberger, C. P. (1991). International Economics, R D Irwin, Homewood.8th Ed.</li> <li>➤ Krugman, P.R. and Obstfeld, M. (1994). International Economics: Theory and Policy, Glenview, Foresman.</li> <li>➤ Bhagwati, J. (Ed.) (1981). International Trade: Selected Readings, Cambridge University Press, Mass.</li> <li>➤ Cherunilam, F. (2008). International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.</li> <li>➤ Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.</li> <li>➤ Goldstein, M. (1998) – The Asian Financial Crisis: Causes, Cure and Systematic Implication, Institute for International Economics, Washington, D.C.</li> <li>➤ Grable, J. O. (1996) – International Financial Markets, Prentice Hall, Englewood Cliffs, New York.</li> <li>➤ Mundell, R. (1968) – International Economics, The Macmillan Company Ltd., New York.</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9110T</b>
<b>Title of the Course</b>	<b>ECONOMETRICS – II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Understanding of the basic Econometric course
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The present course is designed to acquaint the students with the advanced econometric tools and techniques which is crucial for the economic and financial research.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course keeps students engage in active learning and critical thinking about econometrics using advanced tools.</li> <li>➤ The learner gets familiar with the theory and application of time series techniques which is crucial for the economic and financial research.</li> <li>➤ Students can relate economic questions to empirical observations and try to select those econometric models which are best suited.</li> </ul>
<b>SYLLABUS</b>	

<p style="text-align: center;"><b>UNIT-I</b></p>	<p><b>Simultaneous Equation Models</b> – Meaning and basic concepts- Structural, Reduced form Model. Consequences of applying OLS to simultaneous model, Recursive models. Problem of identification and Conditions for Identification (Rank and Order Conditions).</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT -II</b></p>	<p><b>Estimation of Simultaneous Equation Models</b> – Indirect Least Square Method (ILS), Two Stage Least Square Methods (2 SLS), The Method of Instrumental Variables (IV), Identification and Choice of Estimation Method. Estimation under linear restrictions, Specification Bias.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-III</b></p>	<p><b>Time Series Econometrics:</b> Basic Concepts- Stationary and Non stationary Stochastic Processes, unit root stochastic processes, Trend Stationary and Difference stationary stochastic process. Random walk model. The Unit root test- Augmented Dickey-Fuller test. The phenomenon of co-integration and spurious regression.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Time Series Model:</b> Forecasting with ARMA, Forecasting with ARIMA model, Box-Jenkins methodology. ARCH and GARCH Model to measure the volatility.</p> <p>The Granger Causality test, Vector Auto Regression (VAR): Problems with VAR modelling.</p> <p style="text-align: right;">(12 Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Model Selection Criterion-</b> Hendry and Richard criterion, The <math>R^2</math> Criterion, Akaike Information Criterion (AIC), Schwarz Information Criterion (SIC).</p> <p><b>Panel data Regression Model-</b> Meaning, Uses and estimation of Panel data Regression Model using Fixed effects model, Random effects model.</p>

	(12 Hrs)
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Gujarati, D. (1995) – Basic Econometrics, McGraw Hill, New Delhi.</li> <li>➤ Johnston, J. (1985) – Econometric Methods, McGraw Hill, New York.</li> <li>➤ Koutsoyiannis, A. (1977) – Theory of Econometrics, (2<sup>nd</sup> Edition), The Macmillan Press Ltd., Hampshire.</li> <li>➤ Maddala, G. S. (1993) – Econometrics: An Introduction, McGraw Hill, New York.</li> <li>➤ G. M. K. Madhani – Introduction to Econometrics: Principles and Applications, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.</li> <li>➤ enukuh] th- ,e- ds- (1996½ &amp; vFkZfefr% vo/kkj.kk,a ,oa fof/k;ka] vkWDIQksMZ ,oa vkbZ-ch-,p- dEiuh çk- fy-] ubZ fnYyhA</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Intriligator, M. D. (1978) – Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey.</li> <li>➤ Pindyck, R. S. and D. L. Rubinfeld (1976) – Econometric Models and Economic Forecasts, McGraw Hill, Kogakusha, Tokyo.</li> <li>➤ Franses, P. H. (1998) – Time Series Models for Business and Economic Forecasting, Cambridge University Press, Cambridge.</li> <li>➤ Chow, G. C. (1983) – Econometrics, McGraw Hill, New York.</li> <li>➤ Dhrymes, P. J. (1970) – Econometrics – Statistical Foundations and Applications, Harper and Row Publishers, New York.</li> <li>➤ Kmenta, J. (1997) – Elements of Econometrics, University of Michigan Press, New York.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO09111T</b>
<b>Title of the Course</b>	<b>INDIAN INDUSTRIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Understanding of the basic Econometric course.
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	<p>The objectives of this course are multifaceted, aiming to provide students with a comprehensive understanding of the industrial landscape and economic dynamics specific to India. Through rigorous analysis and examination, students will delve into the historical evolution of India's industrial sector, from pre-independence to the present day, and gain insight into the key policies and reforms that have shaped its trajectory. They will explore the unique challenges and opportunities faced by Indian industries, including issues related to industrial structure, market competition, and government intervention. By the end of the course, students will have acquired the analytical tools and knowledge necessary to critically evaluate industrial policies, identify growth opportunities, and contribute to informed decision-making in the context of India's industrial economy.</p>

<p><b>Learning outcomes</b></p>	<ul style="list-style-type: none"> <li>➤ This course will develop a comprehensive understanding of the historical evolution of India's industrial sector, including the pre-independence era, the period of economic planning, and the phases of liberalization and globalization.</li> <li>➤ Students will able to explore the structure and composition of Indian industries, including the dominance of certain sectors, the prevalence of small-scale vs. large-scale enterprises, and the emergence of new industries and technologies.</li> <li>➤ Students will able to assess the dynamics of Indian industrial markets, including market concentration, competition levels, entry barriers, and the role of regulatory authorities in ensuring fair competition.</li> </ul>
<p><b>SYLLABUS</b></p>	
<p><b>UNIT-I</b></p>	<p><b>Introduction to Indian Industrial Economy</b></p> <p>Overview of Indian industrial development: Pre-Independence &amp; Post-Independence Periods. Challenges &amp; Opportunities in the Indian Industrial Economy Before &amp; After Liberalization. Recent Trends &amp; Critical Appraisal of Industrial Growth in India. Causes of Slow Industrialization in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<p><b>UNIT -II</b></p>	<p><b>Industrial Structure, Competition &amp; Public private Dynamics in India</b></p> <p>Industrial Structure in Indian Economy. Industrial Concentration &amp; Market Power- Measurement &amp; Implications. Competition Policy &amp; Regulatory Framework in India. MRTP Act, Competition Commission of India.</p> <p>Introduction to Public &amp; Private Sectors, Development of Public Enterprises in India, Achievements &amp; Importance of Public Sector in India, New Industrial Policy &amp; Public Undertaking, Role of Private</p>

	<p>Sector in India, Privatisation of Public Sector through Disinvestment. Public -Private Partnership (PPP).</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-III</b>	<p><b>Localization of Indian Industries &amp; Government Policies</b></p> <p>Introduction to Industrial Localisation, Factors Driving Industrial Localization in India.</p> <p><b>Localization of Industries in India-</b> Localization of Cotton Textile Industry, Jute Industry, Iron &amp; Steel Industry, Sugar Industry, Cement Industry &amp; Paper Industry.</p> <p><b>Government Policies &amp; Industrial Localization:</b> Industrial Policy Reforms in India &amp; Latest Industrial Policy in India. Special Economic Zones (SEZs) and Industrial Corridors, Incentives for Promoting Industrial Clusters.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Finance &amp; Related Issues in Indian Industry</b></p> <p>Sources of Industrial Finance, Causes of Shortage of Industrial Finance in India, Measures to remove the shortage of Industrial Finance in India. Investment Climate in Indian Industries- Trends, Patterns &amp; Determinants. Public-Private Partnership (PPP) Models and Infrastructure Financing. Role of Foreign Direct Investment (FDI) in Indian Industrial Development.</p> <p>Institutional Finance with Special Reference to IFCI, IDBI, SIDBI, ICICI.</p> <p>Role of MNC's in India. Some Major Problems faced in Iron, Steel, Jute, Sugar, Cement Industries. Sick Industries in India. Navratan Industries in India. Role of MSME's in India. Performance &amp; Problems of MSMEs. Remedial Measures for MSME's.</p>

	(12 Hrs.)
<b>UNIT-V</b>	<p><b>Issues in Indian Industry</b></p> <p>Regional Industrial Development Patterns in India: North vs. South, Urban vs. Rural Areas. Industrial Clusters &amp; their Role in Regional Development. Government Policies &amp; Interventions for Promoting Industrial Growth in Backward Regions. Problems of Regional Imbalance &amp; Industrial Growth in India.</p> <p style="text-align: right;">(12 Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ औद्योगिक प्रबंधन, बी. एल. माथुर</li> <li>➤ औद्योगिक विकास, मनोज कुमार</li> <li>➤ औद्योगिक अर्थशास्त्र, आर. एस. कुलश्रेष्ठ</li> <li>➤ Ramesh Singh, Indian Economy</li> <li>➤ Uma Kapila, Indian Economy: Performance and Policies</li> <li>➤ K. L. Krishna, Economic Reforms and Industrial Structure in India</li> <li>➤ Uma Kapila, Indian Economy: Environment and Policy</li> <li>➤ M. L. Jhingan, Industrial Economics: An Indian Perspective</li> <li>➤ W. K. Viscusi, J. E. Harrington Jr., and J. M. Vernon, Economics of Regulation and Antitrust</li> <li>➤ M. Y. Khan and P. K. Jain, Indian Financial System</li> <li>➤ B. Santhanam, Industrial Finance in India: A Critical Appraisal</li> <li>➤ V. K. Puri and R. V. Sharma, Regional Planning and Development in India</li> <li>➤ S. Mahendra Dev and C. Ravi, Industrial Development and Policy in India</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ K. L. Krishna, India's Industrialization: Policy, Performance, and Prospects</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Ravi S. Srivastava and K. Narayanan, Indian Industrial Economy: State, Private Sector, and Labour</li> <li>➤ J. S. Gangwar, Competition Policy and Industrial Policy in India: Policy Resolutions and Judicial Interpretations</li> <li>➤ J. R. M. Govindan, Industrial Economics: Theory, Applications, and Policy</li> <li>➤ V. K. Bhalla, Investment Management: Security Analysis and Portfolio Management</li> <li>➤ A. S. Desai and A. V. Varma, Industrial Finance and Investment: Concepts, Cases, and Indian Experience</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9112T</b>
<b>Title of the Course</b>	<b>MATHEMATICAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	Understanding of Mathematical tools
<b>Objectives of the course</b>	This course aims to develop the ability to utilize mathematical principles and tools to analyse economic theories and to investigate economic quandaries by solving mathematical models. This course focuses on providing skills to elaborate some economic theories and models related to imperfect market, development and trade cycles with the help of mathematical models.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ It enables student to use modern algebraic tools which allow convenient handling of simultaneous equations in the context of linear programming, game theory and input-output analysis.</li> <li>➤ It equip students to elaborate some defined Microeconomics, Macroeconomics &amp; Development models with mathematical explanation and derive them.</li> <li>➤ Students will be able to construct mathematical models to</li> </ul>

	extract conclusions of economic problems with mathematical logic.
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Pricing under Oligopoly</b></p> <p>Duopoly Model - The Cournot Model, The Stackelberg Model; Collusive Oligopoly, Kinked Demand Curve Model. Bilateral Monopoly. Pareto Optimality; The efficiency of perfect and imperfect competition.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Game Theory</b></p> <p>Concept of Game, Two Person Zero Sum Game, Pay-off Matrix, Pure and Mixed Strategies, Maximin in and Minimax criteria and Saddle Point, Non-constant Sum Game, Prisoner's Dilemma, Linear Programming Equivalence.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Linear Programming</b></p> <p>Meaning and definitions, Basic concepts and Solution of LPP through Simplex Method, Primal and Dual problem, Problem of Degeneracy in LPP, Application of LPP in Transport and Storage problems and other problems in Economics.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Input-Output Model</b></p> <p>Static and Dynamic Model, Closed and Open Input Output Model, Solution of Input Output Model, Hawkins Simon conditions.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Economic Models</b></p> <p>Samuelson's Trade Cycle Model, Harrod Growth Model, Neoclassical Growth Model – Solow's Growth Models, Endogenous Growth Model of Romer.</p> <p style="text-align: right;">(12Hrs)</p>

<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Chiang, A.C. (1986) – Fundamental Methods of Mathematical Economics, McGraw Hill, New York.</li> <li>➤ Mehta, B.C. and G.M.K. Madnani (2008) – Mathematics for Economists, Sultan Chand and Company, New Delhi.</li> <li>➤ Henderson, J. M. and R. E. Quandt (1980) – McGraw Hill, New Delhi.</li> </ul>
<p>Reference Books</p>	<ul style="list-style-type: none"> <li>➤ Allen, R.G.D. (1974) – Mathematical Analysis for Economists, Macmillan Press and ELBS, London.</li> <li>➤ Arrow, K. J. and M. Intrigator (Eds.) (1982) – Handbook of Mathematical Economics, Vol. I, II and III, North Holland, Amsterdam.</li> <li>➤ Chung, J. W. (1993) – Utility and Production: Theory and Applications, Basil Blackwell, London.</li> <li>➤ Ferguson, C. E. (1976) – Neo Classical Theory of Production and Distribution.</li> <li>➤ Hadley, G. (1962) – Linear Programming, Addison Wesley Publishing Co., Massachusetts.</li> <li>➤ Mankiw, N. G. and D. Romer (Eds.) (1991) – New Keynesian Economics (2 Vols.), MIT Press, Cambridge, Mass.</li> <li>➤ Madnani, G.M.K. (2008) – Mathematical Economics, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.</li> <li>➤ Mehta, B. C. (1987) – Mathematical Economics: Microeconomic Models, Sultan Chand and Sons, New Delhi.</li> <li>➤ Nash, J. F. (1996) – Essays on Game Theory, Cheltenham, U.K.</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO09113T</b>
<b>Title of the Course</b>	<b>LABOUR ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Courses in Graduation
<b>Co-requisites</b>	-
<b>Objectives of the course</b>	This course is designed to provide students with a comprehensive understanding of labour market dynamics and phenomena. Students will explore the theoretical foundations of labour economics, including theories of labour supply and demand, wage determination, and human capital accumulation. Additionally, students will examine the role of government interventions, labour market regulations, and social policies in shaping labour market outcomes and addressing issues such as income inequality, labour market discrimination, and unemployment. By the end of the course, students will be equipped with the analytical tools and knowledge necessary to critically evaluate labour market trends, policies, and their socio-economic implications.
<b>Learning outcomes</b>	➤ This course will develop a deep understanding of the functioning of labour markets, including the interaction of

	<p>labour supply and demand, wage determination mechanisms.</p> <p>➤ Students will learn to analyse and interpret key labour market indicators, such as employment rates, unemployment rates, labour force participation rates, and wage trends.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Labour Economics &amp; Labour Market</b></p> <p>Meaning, Nature, Scope, &amp; Importance of Labour Economics, Nature &amp; Problems of Labour, Characteristics of Industrial Labour in India, Labour Market – Forms and Characteristics, Labour Market in India.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT -II</b>	<p><b>Wage Determination</b></p> <p>Determinants of Labour Demand, Theories of Labour Demand in the Short Run &amp; Long Run, Technological Change &amp; Labour Demand.</p> <p>Labor Supply Elasticity &amp; its Determinants. Factors Influencing Labour Force Participation, Hours of Work &amp; Occupational Choice. Labour Supply Curve.</p> <p>Concepts of Wages- Fair, Living Wage &amp; Minimum Wage. Problems of Implementation of Minimum Wages, Wage Determination by Sectors- Urban &amp; Rural, Organized &amp; Unorganized. Wage &amp; Non-Wage Components of Labour Recommendations</p> <p>Theories of Wage Determination: Classical, Neo Classical &amp; Bargaining Theory.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT -III</b>	<p><b>Labour Productivity &amp; Employment</b></p> <p>Factors affecting Labour Productivity, Productivity &amp; Wage Relationship, Migration, Absenteeism &amp; Turnover in Labour Market, Labour &amp; Rationalization.</p>

	<p>Importance of Employment in the Context of Poverty in Developing Countries like India. Concept, Types &amp; Measurement of Unemployment.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT-IV</b>	<p><b>Industrial Relations &amp; Trade Unions</b></p> <p>Growth of Industrialization &amp; Emergence of Unionism, Theories of Labour Movement- Growth Structure &amp; Pattern of Trade Union in India.</p> <p>Determinants of Industrial Disputes- Collective Bargaining, Conciliation, Arbitration, Adjudication- Grievance Settlements. Labour Participation in Management.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>UNIT-V</b>	<p><b>Social Security in India</b></p> <p>Need of Social Security, Social Insurance &amp; Social Assistance, Workmen Compensation Act. Maternity Benefit Act &amp; Employees State Insurance Scheme. Institutional Issues and Labour Market- Labour Legislation, Collective Action, etc. &amp; their implications on Wages, Employment Security and Efficiency, Labour Market as Social Institution.</p> <p>Increasing Role of State in Determination of Labour Issues- Labour Policy of Government in the Past, Various Social Securities &amp; Labour Welfare Measures adopted by Government- Comparative Account of Social Security Measures adopted in U.K., USA, &amp; EU.</p> <p style="text-align: right;">(12Hrs.)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ R.A. Lester, Economics of Labour, Macmillan, 1964</li> <li>➤ C.R. Mc Connell and S.L. Brue, Contemporary Labour Economics, McGraw Hills, 1986</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Papola T.S.P.P Ghosh &amp; A.N. Sharma (EDS) (1993) Labour employment: Industrial relation in India, B.R. Publishing Corporation.</li> <li>➤ Praveen Jha B.R. Agricultural Labour in India, Vikas Publication, 2001</li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9114T</b>
<b>Title of the Course</b>	<b>ISSUES IN INDIAN AGRICULTURE</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-VI in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	Basic Knowledge of Agricultural Economics is required
<b>Objectives of the course</b>	Its objective is to familiarize students with issues and policies that are relevant to Indian Agricultural Economics and enable them to analyse them. This course aims to highlight the importance of agriculture in the economic development of India. This course will develop the skill to analyse the challenges of agricultural development in India and strategies to overcome them.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Students will be able to discuss the main features, trends and problems of Indian agriculture.</li> <li>➤ Students will be able to elaborate on agriculture finance, marketing and capital formation in India.</li> <li>➤ It will enable students to critically analyse the policies of government related to agriculture sector.</li> <li>➤ Students will analyse the changes and innovations in Indian Agriculture and challenges for agricultural development in India.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<b>Role of Agricultural Sector and Its Development in India</b>

	<p>Features of Indian Agriculture, Role of Agriculture in Indian Economy, Problems of Indian Agriculture, Recent Agricultural Growth in India. Land Utilisation and Cropping Pattern Changes in India. Trends in Agricultural Production and Productivity in India, Causes of Low Productivity in India, Suggestions to increase and Measures employed to develop agriculture in India. Diversification of Indian Agriculture. Latest Agriculture Policy in India.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-II</b>	<p><b>Basic Agriculture Inputs and Related Issues in India</b></p> <p>Irrigation- Importance, Sources and Development, Government efforts, Problems. Fertilisers- Consumption, Production and Import, NBS Scheme. HYV Seeds – Utilisation and Schemes for promotion. Land Reforms: Objective and achievement. Farm Mechanisation: Types and Progress. Arguments for and against the Mechanisation of agriculture in India. Small Farmers and Agricultural Labourers: Conditions and problems, Measures for Improvement.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Agricultural Finance in India</b></p> <p>Need and Sources of Agricultural Finance in India - Institutional and Non- Institutional Sources. NABARD and Rural Credit, Micro Finance. Problems of Agricultural Finance in India. Suggestions of V.L. Mehta Committee.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Indian Agricultural Marketing and Pricing System</b></p> <p>Agricultural Marketing in India: Present system, e-NAM, Problems and Measures to improve.</p> <p>Agricultural Pricing in India: Trends in agricultural prices, Need of Price Stabilization, Agricultural Price Policy in India and its shortcomings.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Revolutions and Innovations in India agriculture</b></p>

	<p>Green Revolution, Blue Revolution, White Revolution, Yellow Revolution, Sweet Revolution, Purple Revolution. The Aroma Mission, National Livestock Mission, National mission on Edible Oils-Oil Palm.</p> <p>Krishi Vigyaan Kendras, Kisan Credit Cards, Kisan Call Centers, Crop Insurance, Farm Distress Index. Use of GIS and Remote sensing, Agro-based industries</p> <p style="text-align: right;">(12Hrs)</p>
<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Puri, V. K., S.K. Misra &amp; B. Garg (2023) – Indian Economy, Himalaya Publishing House, New Delhi.</li> <li>➤ Dutta, G. and B. Nag (2024) – Indian Economy, S. Chand and Company Ltd., New Delhi.</li> <li>➤ Soni, R. N. (2008) – Leading Issues of Agriculture Economics, Vishal Publishing Company, Jalandhar.</li> <li>➤ Sadhu and Singh (1991), Agricultural Problems in India, Himalaya Publishing House, New Delhi.</li> <li>➤ Lekhi, R.K. &amp; J. Singh (2008)-Agricultural Economics, Kalyani Publishers, New Delhi (Hindi and English Version).</li> <li>➤ Gupta P.K. (2012)-Agricultural Economics, Vrinda Publications, Delhi (Hindi and English Version).</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Government of India – Reports of the National Commission on Agriculture, New Delhi.</li> <li>➤ Government of India-Statistical Abstract of India (Latest), Directorate of Economics and Statistics of India.</li> <li>➤ Government of India- Agricultural Statistics at a Glance, Ministry of Agricultural and farmers welfare.</li> <li>➤ Reserve Bank of India – Report of the Agricultural Credit Review Committee, Bombay.</li> <li>➤ Government of India – Economic Survey (Latest) Ministry of Finance.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Raj, K. N. et al. (1988) – Essays in the Commercialisation of Indian Agriculture, Oxford University Press, New Delhi.</li><li>➤ Subbarao, K. and De Janvry (1986) – Agriculture Price Policy and Income Distribution in India, Oxford University Press, New Delhi.</li><li>➤ Bhalla, G. S. (1994) – Economic Liberalisation and Indian Agriculture Institute for Studies in Industrial Development, New Delhi.</li><li>➤ Dhawan, B. D. (1988) – Irrigation in Indian Agriculture Development, Sage Publication, New Delhi.</li><li>➤ Rao, C. H. Hanumantha (1994) – Agriculture Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.</li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9115T</b>
<b>Title of the Course</b>	<b>ENVIRONMENTAL ECONOMICS-II</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The basic aim of the paper is to deepen the understanding on advanced concepts and various methods environmental valuation and environmental accounting. Students will get acquainted with cost effectiveness and benefits of environmental goods and how to manage them. Apart from it, major Global issues and role of various international organisations are also covered.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course intends to expose the student with practical applications of methods for valuation of environmental goods and services.</li> <li>➤ Students will understand the method to assess the Environmental cost and environmental benefit.</li> <li>➤ Paper also discusses the various theories for managing and regulating the natural resources. It also highlights the concept and indicators for measuring sustainable development</li> </ul>

	<p>➤ Environment economics also brings insight the various issues and problems associated with the environment degradation at international context and role of various international organisations.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Environmental valuation:</b> Meaning and Need, Concept of total Economic Value, Use Value, Option Values and Non-use Values. Environmental Valuation-. Environmental Valuation Methods – Behavioural Linkage Approach- Contingent Valuation Method (CVM), Hedonic Pricing Technique, Travel Cost Method. Physical Linkage Methods-Damage Function Method.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Environmental Cost and Environmental Accounting</b> Environmental Pollution as an Economic Problem; Trade-off between Market Goods and Environmental Quality; Assessing the Optimum level of Emissions, Cost Effectiveness and Equi-marginal Principle. Assessing the Benefits for Environmental Decision Making.</p> <p><b>Environmental Accounting</b> – Meaning, Need of Environmental Accounting (IEEA) and the requisite modifications to National Income Accounting. Measurement of Environmentally corrected GDP (Green Accounting).</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-III</b>	<p><b>Theory of Environment Regulation:</b> Rationale for regulation, Price Rationing, Pigouvian taxes-single and multiple Polluters, Subsidies for Abatement of pollution in short and long run. Tradable pollution permits and international carbon tax.</p> <p>Property Rights: Coase Theorem, Problems of Public bads and Bargaining, Policy significance of Coase Theorem.</p> <p style="text-align: right;">(12Hrs)</p>

<p style="text-align: center;"><b>UNIT-IV</b></p>	<p><b>Environmental Hazard and Disaster Policy:</b> Introduction, Major Environmental Hazards and Disasters and their management- Drought, Flood, Tsunami, Earthquake and Cyclone, National Calamity Management Act.</p> <p><b>Sustainable Development:</b> Concept, Objectives, Indicators and measurement, Strong and Weak sustainability.</p> <p style="text-align: right;">(12Hrs)</p>
<p style="text-align: center;"><b>UNIT-V</b></p>	<p><b>Global Environmental Issues:</b> Depletion of Ozone Layer: Green House Effect, Global Warming and Climate Change, Acid rain, Urban Pollution and Urban Health. Negative International Externalities and their Implications. Environmental Policy Instruments- Internalizing Environmental externalities.</p> <p><b>Major Environmental organization and Events:</b> Green Peace movement, The World conservation union, The nature conservancy. Sierra club, WWF, UNEP, UNCED. Trade and Environment-Role of WTO.</p> <p style="text-align: right;">(12Hrs)</p>
<p style="text-align: center;"><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ Charles Kolstad, Intermediate Environmental Economics, Oxford University Press, 2nd edition, 2010.</li> <li>➤ Jhingan M.L. Environmental Economics, 2<sup>nd</sup> Edition, Vrinda Publications, 2008.</li> <li>➤ Robert N. Stavins (ed.), Economics of the Environment: Selected Readings, W.W. Norton, 5th edition, 2005.</li> <li>➤ Roger Perman, Yue Ma, James McGilvray and Michael Common, Natural Resource and Environmental Economics, Pearson Education/Addison Wesley, 3rd edition, 2003.</li> <li>➤ Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, Journal of Economic Literature, Volume 30:675-740.</li> </ul>
<p style="text-align: center;"><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Bhattacharya. R.N (2001), Environmental Economics- An Indian Perspective, Oxford University Press, Delhi.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Hanley. N. J.F Shogren, and B White (2006). Environmental Economics: In Theory and Practice, Oxford University Press.</li> <li>➤ Sengupta, Ramprasad (2003), Ecology and Economics: An Approach to Sustainable Development, Oxford University press.</li> <li>➤ Singh, K. and A. Shishodia (2007), Environmental Economics: Theory and Applications, Sage Publications, New Delhi.</li> <li>➤ Ramprasad Sengupta (2012), Ecological Limits and Economic Development, Oxford University Press.</li> <li>➤ Kadekodi, Gopal K. (2004). Environmental Economics in Practices, Oxford University Press.</li> </ul>
<p><b>Suggested E-resources</b></p>	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.swayam.gov.in">www.swayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	EC09116T
<b>Title of the Course</b>	Public Policy in India
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course DSE-VII in Economics
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objective of this paper is to equip students with the knowledge of policy formulation process and various stages. This course will inform the students about the formulation, implementation, monitoring, evaluation, analysis and limitations of public policies in India. It will develop an insight for creating good policies and also help them to critically analyse some existing Indian Economic Policies and suggest policy recommendations for the welfare of the country.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ Student will have the knowledge about the formulation, implementation, monitoring, evaluation, analysis and limitations of public policies in India</li> <li>➤ Students will be able to discuss and analyse the public economic policies formed in India,</li> </ul>

	<p>which are directly and indirectly affecting the economic welfare of the people.</p> <p>➤ Students will get skill how to create effective policy and how to analyse existing policies and give policy recommendations to formulate effective policies.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Concept of Public Policy and Its Models/Approaches</b></p> <p>Concept of Public and Policy, Meaning Nature and Significance of Public Policy,</p> <p>Various Types of Public Policy. Policy Cycle.</p> <p>Models/Approaches of Public Policy: Rational Policy Making Model, Lindblom's Incremental Approach, Political Public Policy Approach, Mixed Approach by Hogwood and Gunn.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-II</b>	<p><b>Theoretical Framework of Public Policy Formulation and Issues in India</b></p> <p>Process of Policy Formulation, Role of Government (Union, State and Local Bodies), Civil Societies, International Agencies (World Bank, IMF, WTO). Constraints in Public Policy Formulation in India.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Theoretical Framework of Public Policy Implementation and Issues in India</b></p> <p>Policy Implementation System- Network, Allocation of Tasks, Decision Making. Implementation Approaches/ Models – Top-bottom, Bottom-up, Policy Action Relationship, inter-organisational interaction, Synthesis of Bottom-up and Top- bottom approach.</p> <p>Problems of Public Policy Implementation in India.</p> <p style="text-align: right;">(12 Hrs)</p>

<p><b>UNIT-IV</b></p>	<p><b>Theoretical Framework of Monitoring and Evaluation of Public Policy and Issues in India</b></p> <p>Monitoring: Meaning and Significance, Constraints, Remedial Measures of Effective Monitoring.</p> <p>Evaluation: Concept, Nature and Significance. Criteria for Evaluation, Evaluating Agencies, Problems in Policy Evaluation.</p> <p style="text-align: right;">(12 Hrs)</p>
<p><b>UNIT-V</b></p>	<p><b>Analysis of Economic Policies in India (Few Case Studies)</b></p> <p>Agricultural Price Policy in India (Current Policy): Evolution, Goals, Significance, Prerequisites, Impact, Limitations.</p> <p>Industrial Policy in India (Current Policy): Objectives, Strategy – Liberalisation and Privatisation, Impact, Limitations, Criticism, Superiority over Previous Policies.</p> <p>EXIM Policy in India (Current Policy): Meaning, Objectives, Significance and Limitations.</p> <p style="text-align: right;">(12 Hrs)</p>
<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>➤ E-PG Pathshala: (2015-16). Module ECO_P9_M20 and Title: Transfers of Resources from Union &amp; States to Local bodies, Paper No. 9, Paper Title: Public Finance and policy in India, Module, MHRD, Government of India. <a href="https://epgp.inflibnet.ac.in/ahl.php?csrno=29">https://epgp.inflibnet.ac.in/ahl.php?csrno=29</a>.</li> <li>➤ Sinha, M. (2015-16). Prashasan Evam Lok Niti, Orient Longman Publication, Jaipur.i (Hindi Version).</li> <li>➤ Sharma A. and R. Dogra (2016). Lokniti, New Age Publications, New Delhi.</li> <li>➤ Sapru, R.K., 1994, Public Policy: Formulation, Implementation and Evaluation, Sterling Publishers, New Delhi.</li> <li>➤ Saxena, P.K. ( ed.) (1993). Comparative Public Policy, Jaipur: Rawat Publication.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Dunn, W. N. (1981). Public Policy Analysis: An Introduction. Englewood Cliffs, NJ: Prentice-Hall.</li> <li>➤ Fischer, Frank. 2003a. Reframing Public Policy: Discursive Politics and Deliberative Practices. New York: Oxford University Press.</li> <li>➤ Indira Gandhi National Open University, 1993, BDP Course Material, EPA.06 Public Policy, Block No.8 Models of Public Policy-Making (Hindi and English Version).</li> <li>➤ Madan, K.D., K. Deish, Ashok Pradhan and C. Chandra Shekharan (Eds), 1982, Policy-Making in Government, Publications Division, Ministry of Information and Broadcasting, Government of India .</li> <li>➤ Nagel S.S. (1990). Policy Theory and Policy Evaluation: Concept, Knowledge, Cause and Norms, Delhi: Greenwood Press.</li> </ul>
<p><b>Reference Books</b></p>	<ul style="list-style-type: none"> <li>➤ Nagel S.S. (1990). Policy Theory and Policy Evaluation: Concept, Knowledge, Cause and Norms, Delhi: Greenwood Press.</li> <li>➤ Sapru, R.K. (1998). "Environmental Policy and Politics in India", Uday Desai (Ed.) Ecological Policy and Politics in Developing Countries, State University NY Press, New York. Sabatier, P.A. (1986). Top-down and Bottom-up Approaches to Implementation Research: A Critical Analysis and Suggestive Synthesis, Journal of Public Policy, V01.6.</li> <li>➤ B.N. Goldar and S.C. Aggarwal, (2005). Trade Liberalisation and Price-Cost Margin in Indian Industries, The Developing Economics, September.</li> <li>➤ J. Dennis Rajakumar, (2011). Size and Growth of Private Corporate Sector in Indian Manufacturing, Economic and Political Weekly, April.</li> <li>➤ Kaldor, N. (1939). Welfare Propositions of Economics and Interpersonal Comparisons of Utility, Economic Journal, 49 (195): 549-552.</li> <li>➤ Lane, Jan-Erik and S.O. Ersson (2000). The New Institutional Politics: Performance and Out comes, Routledge, London.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Puri, V. K., S.K. Misra &amp; B. Garg (2023) – Indian Economy, Himalaya Publishing House, New Delhi.</li><li>➤ Dutta, G. and B. Nag (2024) – Indian Economy, S. Chand and Company Ltd., New Delhi. Soni, R. N. (2008) – Leading Issues of Agriculture Economics, Vishal Publishing Company, Jalandhar.</li><li>➤ Sen K. (2010). “Trade, Foreign Direct Investment and Industrial Transformation in India”, in edited book The Rise of Asia by Premachandra Athukorala, Routledge.</li><li>➤ Uma Kapila (20th Edition) (2009) – Indian Economy Since Independence, Academic Foundation, New Delhi.</li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9117T</b>
<b>Title of the Course</b>	<b>INDIAN BANKING SYSTEM</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Generic Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Basic understanding of Economic principle
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	It aims to equip students with a comprehensive understanding of the structure, functioning, and challenges of the banking sector in India. It provide students with the knowledge and skills necessary to analyze the regulatory framework, policies, and practices shaping the Indian banking system, as well as to critically evaluate its role in the economy and its implications for financial stability and inclusive growth.
<b>Learning outcomes</b>	➤ It will provide the understanding of the historical evolution and regulatory framework of the Indian banking system, including the role of the Reserve Bank of India (RBI) and other regulatory bodies in ensuring financial stability and supervision.

	<ul style="list-style-type: none"> <li>➤ It will enable students to analyze the structure and organization of the Indian banking sector, including the classification of banks.</li> <li>➤ The course examines the functions and operations of banks in India, including RRBs.</li> <li>➤ It provide assessment of the impact of government policies, monetary policy instruments, and regulatory reforms on the Indian banking sector, including measures aimed at financial inclusion, credit expansion and economic development.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction:</b></p> <p>History of banking in India- Pre-Nationalization Era, Nationalization Stage, Post Liberalization Era; Classification and Structure of Indian Banking system; Inclusive Banking- concept and features, International Banking – broad trends and latest developments.</p> <p>Human Resource Development - Present and future HRD needs for bank employees in India, Khandelwal Committee Recommendations on Human resource in public sectors Banks.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT -II</b>	<p><b>Reserve Bank of India:</b></p> <p>The Reserve Bank of India- Functions and Role, Autonomy of the RBI in Liquidity Management. RBI's Monetary policy- Objectives and Techniques, striking a balance between inflation and growth through monetary policies, Urjit Patel Committee report on monetary policy.</p>

	(12Hrs)
<b>UNIT-III</b>	<p><b>Commercial Banking in India:</b></p> <p>Commercial Banks: Functions and Role, procedure of Credit Creation, Branch expansion Programme and policy, deposit mobilization and sectoral allocation of Bank Credit Concept of social and mass banking. Priority sector advances and advance to the neglected sections of the society.</p> <p>Rural Banking - Overall Structure and review of the contribution of major credit cooperatives, commercial banks and Regional Rural banks. NABARD – Objective and Role.</p> <p>NPA- meaning and issue of NPA in Indian Banking, Para Banking- Meaning and Activities, Normal v/s Para Banking.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-IV</b>	<p><b>Payment and settlement System in India:</b></p> <p>Digital Payment Systems – Electronic Clearing Systems in India, National Payment Corporation of India (NPCI), Digital Initiatives by the Government of India.</p> <p>Financial Inclusion- Concept and importance in current scenario, Index of Financial Inclusion- introduction, dimension and latest Indian ranking. Financial Literacy- concept, current status in India. Bank Ombudsman-Function and role.</p> <p style="text-align: right;">(12Hrs)</p>
<b>UNIT-V</b>	<p><b>Reforms and Policies:</b></p> <p>Banking Sector Reforms- Context, need and objectives. Basel norms- definition, history, need and key recommendation of I, II, III and latest norms.</p>

	<p>Implementations of the Narsimham Committee-I and Narsimham Committee- II recommendations.</p> <p style="text-align: right;">(12Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ S..B. Gupta: Monetary Planning for India (Latest Ed.)</li> <li>➤ K. Rao: Management of Commercial Banks</li> <li>➤ L.M. Bhole: Impacts of Monetary Policy.</li> <li>➤ Kenneth Kurihara : Monetary Theory and Public Policy</li> <li>➤ RBI Report on trend and progress of Banking in Banking in India (latest edn.)</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Harendra Badhav (ed.) Challenges to Indian Banking Competition. Globalization and Financial Markets. McMillan.</li> <li>➤ Hanson and Kathuria (ed): A financial Sector for the 21st Century. Oxford. University press.</li> <li>➤ I.B.A Bulletin Annual Special Issues.</li> <li>➤ Muranjan S.K.: Modern Banking in India</li> <li>➤ N.S. Yher: Non-Performing Advances in Banks. Skylark, New Delhi.</li> <li>➤ Report of the committee (Narsimham) on the Financial System.</li> <li>➤ Raghuram Rajan Committee Report on Financial Sector reforms, Planning Commission.</li> <li>➤ Reddy &amp; Appanniah: Banking Theory and Practice</li> <li>➤ Natarajan &amp; Gordon: Banking Theory and Practice</li> <li>➤ Shekar &amp; Shekar: Banking theory and practice, Vikas publishing house Pvt. Ltd.</li> <li>➤ Y.V Reddy Monetary and Financial Sector Reforms in India. UBSPD. New Delhi.</li> </ul>
<b>Suggested E-resources</b>	<ul style="list-style-type: none"> <li>➤ <a href="https://www.rbi.org.in">https://www.rbi.org.in</a></li> </ul>

	<p>➤ <a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=NEp/xikgBgNtfA+sgFQAcA==">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=NEp/xikgBgNtfA+sgFQAcA==</a></p>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9118T</b>
<b>Title of the Course</b>	<b>MANAGERIAL ECONOMICS</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the Course</b>	4 Credits
<b>Type of the Course</b>	Discipline Specific Elective Course
<b>Delivery type of the course</b>	60 hours (40 lectures on content delivery + 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The objectives of this course are to equip students with a comprehensive understanding of economic foundations pertinent to managerial decision-making, including demand and supply analysis, production theory, cost analysis, and market structures. Additionally, Students will learn to apply economic concepts in evaluating business decisions, such as pricing strategies & production planning. They will analyse market dynamics to discern the behaviour of firms and consumers across various market structures, enabling them to critically evaluate business strategies for their effectiveness and impact on firm performance.
<b>Learning outcomes</b>	<ul style="list-style-type: none"> <li>➤ This course will define and explain fundamental concepts in managerial economics, such as demand and supply analysis, production and cost functions, market structures, and pricing strategies.</li> <li>➤ Students will be able to apply economic theories and analytical tools to evaluate business decisions related to production &amp; pricing.</li> <li>➤ This course will enable students to analyse market behaviour and competitive dynamics under different</li> </ul>

	<p>market structures, including perfect competition, monopoly, monopolistic competition, and oligopoly.</p> <p>➤ Students will be able to assess firm performance using key economic indicators, and evaluate profit maximization strategies in various market environments.</p>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Managerial Economics</b></p> <p>Definition, Nature &amp; Scope of Managerial Economics, Role of Managerial Economics in Decision-Making, Fundamental Concepts used in Business Decisions. Opportunity Cost &amp; Decision Rule; Managerial &amp; Incremental Principle &amp; Decision Rule, Objectives of the Firms - Profit Maximisation &amp; Others, Time Perspective in Business Decision.</p>
<b>UNIT-II</b>	<p><b>Demand &amp; Supply Analysis</b></p> <p>Demand Theory &amp; Estimation: Consumer Preferences, Utility Maximization &amp; Demand Functions. Demand Elasticity: Types, Measurement &amp; Applications.</p> <p>Demand Forecasting; Meaning &amp; Importance, Steps, Techniques – Survey Methods &amp; Statistical Methods.</p> <p>Micro Economic Concept of Supply- Meaning, Determinants of Supply, Elasticity of Supply and Law of Supply.</p>
<b>UNIT-III</b>	<p><b>Production and Cost &amp; Revenue Analysis</b></p> <p>Production Theory: Production Function, Short-Run &amp; Long-Run Production Decisions. Optimal Combination of Inputs.</p> <p>Cost Function; Concept &amp; Types, Cost Curve &amp; their Relationship. Revenue: Concept and Types, Revenue Curves. Break Even Point &amp; Firm's Equilibrium. Economies and Diseconomies of Scale: Implications for Production Decisions.</p>
<b>UNIT-IV</b>	<p><b>Price Determination Under Different Market Conditions</b></p> <p>Price Determination Under Real Market Conditions: Monopolistic Competition (Short Run &amp; Long Run Price-Output Determination) &amp; Oligopoly (Cournot Model, Price</p>

	<p>Leadership, Kinked Demand Curve Model, Cartel &amp; Game Theory).</p> <p>Alternative Theories of Firm: Baumol's Sales Maximisation, Williamson's Model of Managerial Utility Function, Marris Balanced Growth Maximization Model.</p> <p>Pricing Strategies: Pricing in Life-Cycle of a Product, Multiple Product Pricing, Peak Load Pricing.</p>
<b>UNIT-V</b>	<p><b>Capital Budgeting &amp; Investment</b></p> <p>Capital &amp; Investment, Capital Budgeting: Meaning &amp; Importance. Prerequisites of Capital Budgeting, Optimum Level of Capital, Sources of Capital-Investment. Cost of Capital: Cost of Debt Capital, Capital Preferred Stock, Equity Capital, Retained Earnings Weighted Cost of Capital.</p> <p>Investment Decision Under Certainty: Criteria to Evaluate Profitability- Payback Period, Net Discounted Present Value, Internal Rate of Return,</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Ahuja, H. L. Managerial Economics. S Chand Publishing.</li> <li>➤ Keat, P., &amp; Young, P. Managerial Economics. Pearson Education.</li> <li>➤ Baye, M., &amp; Prince, J. Managerial Economics &amp; Business Strategy. McGraw Hill Education.</li> <li>➤ McGuigan, J. R., Moyer, R. C., &amp; Harris, F. H. d. B. Managerial Economics: Applications, Strategies, and Tactics. Cengage Learning.</li> </ul>
<b>Reference Books</b>	<ul style="list-style-type: none"> <li>➤ Thomas, C., &amp; Maurice, S. C. Managerial Economics: Foundations of Business Analysis and Strategy. McGraw Hill Education.</li> <li>➤ Truett, L. J., &amp; Truett, D. B. Managerial Economics: Analysis, Problems, Cases. Cengage Learning.</li> <li>➤ Mansfield, E., &amp; Allen, W. B. Applied Managerial Economics. Pearson Education.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Froeb, L. M., McCann, B. T., &amp; Ward, M. R. Managerial Economics: A Problem-Solving Approach. Cengage Learning.</li><li>➤ Keat, P. G., &amp; Young, P. K. Y. Managerial Economics: Economic Tools for Today's Decision Makers. Pearson Education.</li></ul>
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<b>M.A. (TWO YEAR DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9119T</b>
<b>Title of the Course</b>	<b>DEMOGRAPHY</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	60 hours (40 lectures on content delivery+ 10 hours for formative and diagnostic assessment + 10 hours on tutorial).
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	The overarching objective of this course is to provide students with a comprehensive understanding of demographic processes and their implications for socio-economic development and contemporary issues. By the end of the course, students will develop a nuanced understanding of the interrelationships between population trends, socio-economic factors, and key demographic indicators. They will be equipped with the analytical tools and knowledge needed to critically evaluate demographic phenomena, analyse population data, and assess the implications of demographic trends for public policy and social welfare.
<b>Learning outcomes</b>	➤ Students will develop a comprehensive understanding of demographic processes, including population dynamics, migration, fertility, mortality, and morbidity, and their interrelationships with socio-economic development.

	<ul style="list-style-type: none"> <li>➤ Students will acquire analytical skills to interpret demographic data, analyze demographic trends, and evaluate the determinants and drivers of demographic changes, using appropriate demographic methods and techniques.</li> <li>➤ Develop critical thinking skills to assess the implications of demographic trends and transitions.</li> </ul>
<b>SYLLABUS</b>	
<b>UNIT-I</b>	<p><b>Introduction to Demography</b></p> <p>Definition, Origin &amp; Scope of Demography. Relation with other Disciplines. Sources of Demographic Data in India: Censuses, Surveys, Vital Registration Systems. Measurement Techniques: Population Enumeration, Age-Sex Structure, Concept of Life Tables. Population Trends in India; Size, Composition and Distribution of Population. Latest Population Policy in India.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT -II</b>	<p><b>Theories of Population &amp; Migration</b></p> <p>Malthusian Theory, Marxist Theory of Population, Optimum Theory of Population, Demographic Transition Theory.</p> <p>Concept, Types &amp; Patterns of Migration (International, Internal &amp; Forced Migration), Push &amp; Pull Factors, Lee’s Migration Theory, Ravenstein’s Laws of Migration.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-III</b>	<p><b>Economic Perspective of Fertility behaviour</b></p> <p>Introduction to Fertility, Methods of Measuring Fertility; Crude Birth Rate, Age-Specific Fertility Rates, Total Fertility Rate (TFR). Trends &amp; Patterns of Fertility in India, Determinants of Fertility, Contemporary Issues in Fertility.</p>

	<p>Economic Theories of Fertility- Bargaining Theory, Income &amp; Opportunity Cost Theory, Human Capital Theory, Cost-Benefit Analysis Theory, Fertility &amp; Development Theory.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-IV</b>	<p><b>Mortality &amp; Morbidity: Patterns, Determinants, &amp; Implications</b></p> <p>Introduction to Mortality, Mortality Measures- Crude Death Rate, Age-Specific Death Rate, Life Expectancy. Patterns &amp; Trends in Mortality with Special Reference to India. Determinants of Mortality, Reasons for Declining Trends in Mortality, Concept of Infant Mortality.</p> <p>Introduction to Morbidity, Morbidity Measures- Prevalence Rate, Incidence Rate, Disease-Specific Morbidity Indicators. Patterns &amp; Trends in Morbidity with Special Reference to India. Determinants of Morbidity, Types of Morbidity.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>UNIT-V</b>	<p><b>Contemporary Demographic Trends &amp; Challenges</b></p> <p>Demographic Dividend: Opportunities &amp; Challenges for India.</p> <p>Urban Population Growth: Drivers, Trends &amp; Consequences.</p> <p>Challenges of Rapid Urbanization, Impact of Urbanization on Socio-Economic Development &amp; Quality of Life.</p> <p>Aging Population: Implications for Healthcare, Social Security and Integrational Support. Population Displacement: Refugees, Internally Displaced Persons, Environmental Migrants. Emerging Challenges: Climate Change, Pandemics, Food Security, Inequality.</p> <p style="text-align: right;">(12 Hrs)</p>
<b>Text Books</b>	<ul style="list-style-type: none"> <li>➤ Agarwal, S. N. (1985) – India's Population Problem, Tata McGraw Hill, Bombay.</li> <li>➤ Agarwal, U. D. (1999) – Population Projections and Their Accuracy, B. R. Publishing Corporation, New Delhi.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Bhende, A. A. and T. R. Kanitkar (1982) – Principles of Population Studies, Himalaya Publishing House, Bombay.</li> <li>➤ Bogue, A. (1996) – India's Basic Demographic Statistics, B. R. Publishing Corporation, New Delhi.</li> <li>➤ Census of India, Government of India, Various Reports, New Delhi.</li> <li>➤ Srinivasan, K. (1998) – Basic Demographic Techniques and Applications, Sage Publications, New Delhi.</li> </ul>
Reference Books	<ul style="list-style-type: none"> <li>➤ Simon, J. L. (1992) – Population and Development in Poor Countries, Princeton University Press.</li> <li>➤ Agnihotri, S. B. (2000) – Sex ratio in Indian Population: A Fresh Exploration, Sage Publications, New Delhi.</li> <li>➤ Choubey, P. K. (2000) – Population Policy in India, Kanishka Publications, New Delhi.</li> <li>➤ Misra, B. D. (1980) – An introduction to the study of population, South Asian Publishers, New Delhi.</li> <li>➤ Srinivasan, K. (Ed.) (1999) – Population Policy and Reproductive Health, Hindustan Publishing Corporation, New Delhi.</li> <li>➤ oh- lh- flUgk ,oa vkj- ,l- f=osnh &amp; tukafddh ds fl)kUr] us'kuy ifCyf'kax gkÁlA</li> </ul>
Suggested E-resources	<ul style="list-style-type: none"> <li>➤ E-pgpathashala modules.</li> <li>➤ <a href="http://www.inflibnet.ac.in">www.inflibnet.ac.in</a></li> <li>➤ <a href="http://www.ignou.ac.in">www.ignou.ac.in</a></li> <li>➤ <a href="http://www.sawayam.gov.in">www.sawayam.gov.in</a></li> </ul>

<b>M.A. (TWO YEARS DEGREE PROGRAM)</b>	
<b>SEMESTER-IV</b>	
<b>SUBJECT-ECONOMICS</b>	
<b>Code of the Course</b>	<b>ECO9120S*</b>
<b>Title of the Course</b>	<b>PROJECT WORK- DISSERTATION</b>
<b>Qualification Level of the Course</b>	NHEQF Level 6.5
<b>Credit of the course</b>	4 credits
<b>Type of the course</b>	Discipline Specific Elective Course
<b>Delivery type of the Course</b>	120 hours
<b>Prerequisites</b>	Degree Course in Graduation
<b>Co-requisites</b>	None
<b>Objectives of the course</b>	This course aims to enable students to conduct independent research in economics and produce a high-quality dissertation on a chosen topic, to develop students' research skills, including the ability to formulate research questions, design appropriate research methodologies, and collect and analyse data, to enhance students' critical thinking and analytical skills through the review and synthesis of existing literature and the development of original insights and to foster students' communication and presentation skills through the effective written presentation of research findings in the form of a dissertation.
<b>Learning outcomes</b>	<p>Upon completion of the dissertation course, students should be able to:</p> <ul style="list-style-type: none"> <li>➤ Formulate a clear and focused research question or hypothesis in economics that addresses a relevant and significant issue.</li> </ul>

	<ul style="list-style-type: none"><li>➤ Design a robust research methodology appropriate for addressing the research question, including selecting appropriate data sources, research methods, and analytical techniques.</li><li>➤ Conduct a comprehensive review of relevant literature and theoretical frameworks related to the chosen research topic, demonstrating a critical understanding of key concepts and debates.</li><li>➤ Collect, analyse, and interpret empirical data or theoretical models effectively, drawing meaningful conclusions and insights from the research findings.</li><li>➤ Communicate research findings clearly and persuasively in a well-structured and coherent dissertation, adhering to academic conventions and standards of writing and referencing.</li><li>➤ Present and defend the dissertation orally in a professional manner, responding effectively to questions and feedback from faculty members and peers.</li><li>➤ Demonstrate independent thinking, creativity, and originality in identifying research topics, developing research methodologies, and interpreting research findings.</li><li>➤ Reflect critically on the research process and outcomes, identifying strengths, weaknesses, and areas for future research or improvement.</li></ul>
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